

Product Citations

Tau

Tau Pre-formed Fibrils (PFFs)

Tau-441 (2N4R) P301S Mutant Pre-formed Fibrils | product# SPR-329

Cornel iridoid glycoside regulates modification of tau and alleviates synaptic abnormalities in aged P301S mice.

Yang, C.C. et al. *Curr Med Sci.* 2020. PMID: 33428131.

Aberrant AZIN2 and polyamine metabolism precipitates tau neuropathology.

Sandusky-Beltran, L.A. et al. *J Clin Invest.* 2021. PMID: 33586680.

A phosphoinositide signalling pathway mediates rapid lysosomal repair.

Tan, J.X. & Finkel, T. *Nature.* 2022. PMID: 36071159.

Mutant β 1-adrenergic receptor improves REM sleep and ameliorates tau accumulation in a mouse model of tauopathy.

Dong, Q. et al. *PNAS.* 2023. PMID: 37014857.

Flow cytometric isolation of drug-like conformational antibodies specific for amyloid fibrils.

Desai, A. et al. *bioRxiv [Preprint].* 2023. PMID: 37461643.

Quantitative flow cytometric selection of tau conformational nanobodies specific for pathological aggregates.

Zupancic, J. et al. *Front Immunol.* 2023. PMID: 37622125.

Complement receptor 4 mediates the clearance of extracellular tau fibrils by microglia.

Yoo, C. et al. *Research Square [Preprint].* 2023.

APOE3^{ch} alters microglial response and suppresses A β -induced tau seeding and spread.

Chen, Y. et al. *Cell.* 2023. PMID: 38086389

Tau-441 (2N4R) P301S Mutant Pre-formed Fibrils (Atto 488) | product# SPR-329-A488

Increased G3BP2-tau interaction in tauopathies is a natural defense against tau aggregation.

Wang, C. et al. *Neuron.* 2023. PMID: 37385246.

Microglial 25-hydroxycholesterol mediates neuroinflammation and neurodegeneration in a tauopathy mouse model.

Toral-Rios, D. et al. *bioRxiv [Preprint].* 2023.

ApoE4 expression disrupts tau uptake, trafficking, and clearance in astrocytes.

Eisenbaum, M. et al. *Glia.* 2024. PMID: 37668005.

Tau-441 (2N4R) Wild-Type Pre-formed Fibrils | product# SPR-480

BAG3 regulates the specificity of the recognition of specific MAPT species by NBR1 and SQSTM1.

Lin, H. et al. *bioRxiv [Preprint].* 2023. PMID: 36798173.

α -Synuclein-dependent increases in PIP5K1 γ drive inositol signaling to promote neurotoxicity.

Horvath, J.D. et al. *Cell Reports.* 2023. PMID: 37838947

ApoE4 expression disrupts tau uptake, trafficking, and clearance in astrocytes.

Eisenbaum, M. et al. *Glia.* 2024. PMID: 37668005.

Product Citations

Tau

Tau Pre-formed Fibrils (PFFs)

Tau (K18) P301L Mutant Pre-formed Fibrils | product# SPR-330

Flow cytometric isolation of drug-like conformational antibodies specific for amyloid fibrils.

Desai, A. et al. bioRxiv [Preprint]. 2023. PMID: 37461643.

A human neuron/astrocyte co-culture to model seeded and spontaneous intraneuronal tau aggregation.

Batenburg K.L. et al. Curr Protoc. 2023. PMID: 37801344.

Validation of preclinical cellular models to screen the effectiveness of drugs directed to slow down Alzheimer's and Parkinson's disease progression. *Luykx, A. 2023. Hasselt University & Maastricht University [Master's thesis].*

Tau-441 (2N4R) P301S Mutant Pre-formed Fibrils (Baculovirus/Sf9) | product# SPR-471

Increased G3BP2-tau interaction in tauopathies is a natural defense against tau aggregation.

Wang, C. et al. Neuron. 2023. PMID: 37385246.

Microglial 25-hydroxycholesterol mediates neuroinflammation and neurodegeneration in a tauopathy mouse model

Toral-Rios, D. et al. bioRxiv [Preprint]. 2023.

Polarized microtubule remodeling transforms the morphology of reactive microglia and drives cytokine release.

Adrian, M. et al. Nat Commun. 2023. PMID: 37813836.

Tau-430 (2N4R) P290S Mutant Pre-formed Fibrils | product# SPR-475

Exosomal tau with seeding activity is released from Alzheimer's disease synapses, and seeding potential is associated with amyloid beta. *Miyoshi, E. et al. Lab Invest. 2021. PMID: 34462532.*

Flow cytometric isolation of drug-like conformational antibodies specific for amyloid fibrils.

Desai, A. et al. bioRxiv [Preprint]. 2023. PMID: 37461643.

Tau-441 (fetal 0N3R) Wild-Type Pre-formed Fibrils | product# SPR-491

Flow cytometric isolation of drug-like conformational antibodies specific for amyloid fibrils.

Desai, A. et al. bioRxiv [Preprint]. 2023. PMID: 37461643.

Tau dGAE (297-391) Pre-formed Fibrils | product# SPR-461

Astrocyte senescence and SASP in neurodegeneration: tau joins the loop.

Undergerleider, K. et al. Cell Cycle. 2021. PMID: 33818291.

Quantitative flow cytometric selection of tau conformational nanobodies specific for pathological aggregates.

Zupancic, J. et al. Front Immunol. 2023. PMID: 37622125.

Tau (K18) Delta K280 Mutant Pre-formed Fibrils | product# SPR-477

In vivo near-infrared fluorescence imaging selective for soluble amyloid β aggregates using y-shaped BODIPY derivative. *Akasaka, T. et al. J Med Chem. 2023. PMID: 37824378.*

Product Citations

Tau

Tau Monomers

Tau-441 (2N4R) Wild-Type Monomers | product# SPR-479

Increased G3BP2-tau interaction in tauopathies is a natural defense against tau aggregation.

Wang, C. et al. Neuron. 2023. PMID: 37385246.

Polarized microtubule remodeling transforms the morphology of reactive microglia and drives cytokine release.

Adrian, M. et al. Nat Commun. 2023. PMID: 37813836.

ApoE4 expression disrupts tau uptake, trafficking, and clearance in astrocytes.

Eisenbaum, M. et al. Glia. 2024. PMID: 37668005.

Tau-441 (2N4R) P301S Mutant Monomers | product# SPR-327

Cornel iridoid glycoside regulates modification of tau and alleviates synaptic abnormalities in aged P301S mice.

Yang, C.C. et al. Curr Med Sci. 2020. PMID: 33428131.

Reduced progranulin increases tau and alpha-synuclein inclusions and alters phenotypes of tauopathy mice via glucocerebrosidase. *Takahashi, H. et al. Nat Commun. 2024.*

Complement receptor 4 mediates the clearance of extracellular tau fibrils by microglia.

Yoo, C. et al. Research Square [Preprint]. 2023.

Tau dGAE (297-391) Monomers | product# SPR-444

Astrocyte senescence and SASP in neurodegeneration: tau joins the loop.

Undergerleider, K. et al. Cell Cycle. 2021. PMID: 33818291.