

Recombinant Human Tau-441 (2N4R) (Previously Covance catalog# PTN-5272)

Catalog# / Size	842501 / 25 µg
Regulatory Status	RUO
Other Names	Microtubule-Associated Protein Tau, Phf-Tau, Paired Helical Filament-Tau, Neurofibrillary Tangle Protein, Microtubule-Associated Protein Tau, Isoform 4, G Protein Beta1/Gamma2 Subunit-Interacting Factor 1
Previously	Covance Catalog# PTN-5272
Description	Human Tau-441 full-length recombinant protein (a.a. 1 - 441) with 8X His-tag at the N-terminus. The protein was expressed in <i>E. coli</i> .

Product Details

Verified Reactivity	Human
Purity	>90% by SDS-PAGE
Formulation	pH 8.0, 50 mM TRIS, 300 mM NaCl, 1 mM TCEP, 1 mM EDTA, 10% Glycerol and protease inhibitors.
Concentration	0.1 mg/mL
Storage & Handling	Store frozen (-20 or -70°C); shipped in blue ice. Aliquot upon receipt before freezing. Avoid repeated freeze/thaw cycles.
Application	WB - Quality tested
Recommended Usage	The optimal working dilution should be determined for each specific assay condition. • WB: Recommended load amount of 0.2-0.5 µg/lane
Application Notes	This protein has utility in immunoblotting (WB). Uni Prot ID: P10636 WB Expected MW: 70 kD Tau-441 MW: 45.8 kD 8X His-tag Tau-441 MW: 48.0 kD WB Positive Control: TAU 5 antibody (Catalog No. 806402)
Product Citations	1. Nies SH, <i>et al.</i> 2021. J Biol Chem. 297:101159. PubMed

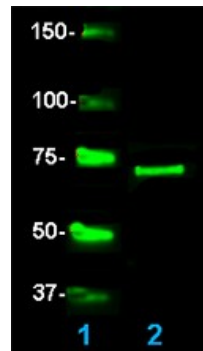
Antigen Details

Biology Area	Cell Biology, Neurodegeneration, Neuroscience, Protein Misfolding and Aggregation
Molecular Family	Tau
Gene ID	4137

Related Protocols

[Western Blotting Protocol](#)

Product Data



Western blot showing reactivity of 2N4R TAU protein using TAU5 (Cat. No. 806403) antibody. Lane 1: Molecular weight marker; Lane 2: 50 ng 2N4R TAU protein.

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