

## Recombinant Human Tau-383 (0N4R) (Previously Covance catalog# PTN-5277)

<b>Catalog# / Size</b>	843001 / 25 µg
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	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
<b>Previously</b>	Covance Catalog# PTN-5277
<b>Description</b>	Human Tau-383 full-length recombinant protein (a.a. 1 - 383) with 8X His-tag at the N-terminus. The protein was expressed in <i>E. coli</i> .

### Product Details

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<b>Verified Reactivity</b>	Human
<b>Purity</b>	>90% by SDS-PAGE
<b>Formulation</b>	50 mM Tris-HCl, 300 mM NaCl, 10% Glycerol, 0.5 mM TCEP, pH 8.
<b>Concentration</b>	0.1 mg/mL
<b>Storage &amp; Handling</b>	Unopened vial can be stored between 2°C and 8°C for one month, at -20°C for six months, or at -70°C for one year. For maximum results, quick spin vial prior to opening. The protein can be aliquoted and stored at -20°C to -70°C. <b>Avoid repeated freeze/thaw cycles.</b>
<b>Application</b>	<a href="#">WB - Quality tested</a>
<b>Recommended Usage</b>	The optimal working dilution should be determined for each specific assay condition. • <b>WB:</b> Recommended load amount of 0.2-0.5 µg/lane
<b>Application Notes</b>	This protein has utility in immunoblotting (WB).  Uni Prot ID: P10636-6  WB Expected MW: 53 kD Tau-383 MW: 40.0 kD 8X His-tag Tau-383 MW: 42.2 kD  WB Positive Control: TAU 5 antibody (Catalog No. SIG-39413)

### Antigen Details

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<b>Biology Area</b>	Cell Biology, Neurodegeneration, Neuroscience, Protein Misfolding and Aggregation
<b>Molecular Family</b>	Tau
<b>Gene ID</b>	<a href="#">4137</a>

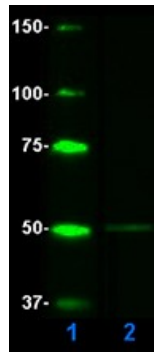
### Related Protocols

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[Western Blotting Protocol](#)

### Product Data

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Western blot showing reactivity of 0N4R TAU protein using TAU5 (Cat. No. 806403) antibody. Lane 1: Molecular weight marker; Lane 2: 50 ng 0N4R TAU protein.

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