

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

Catalog# / Size	843001 / 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-5277
Description	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

Verified Reactivity	Human
Purity	>90% by SDS-PAGE
Formulation	50 mM Tris-HCl, 300 mM NaCl, 10% Glycerol, 0.5 mM TCEP, pH 8.
Concentration	0.1 mg/mL
Storage & Handling	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. 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: P10636-6 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)

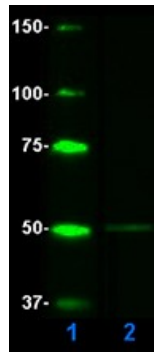
Antigen Details

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

For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.

*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, www.biolegend.com/ordering#license). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.

BioLegend Inc., 8999 BioLegend Way, San Diego, CA 92121 www.biolegend.com
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587