

Recombinant Human Tau410 protein ab72462

1 Image

Description

Product name	Recombinant Human Tau410 protein
Purity	> 90 % Densitometry.
Expression system	Escherichia coli
Accession	P10636-5
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAEPRQEFEVME DHAGTYGLGDRKDQGGYTMHQDQEG DTDAGLKESPLQT PTEDGSEEPGSETSDAKSTPTAEDVTAPLVDEGAPGKQ AAAQPHTEIPEG TTAEEAGIGDTPSLEDEAAGHVTQARMVSKSKDGTGSDD KKAKGADGKTK IATPRGAAPPGQKGQANATRIPAKTPPAPKTPPSSGEPPK SGDRSGYSSP GSPGTPGSRSLPTPPTREPKKVAVVRTPPKSPSSA K SRLQTAPV PMPDLKNVKSIGSTENLKHQPGGGKVQIVKPVDSLKVT SKCGSLGNIH HKPGGGQVEVKSEKLDFKDRVQSKIGSLDNITHVPGGGN KKIETHKL TFR ENAKAKTDHGAEMYKSPVVSGDTSRHL SNVSSTGSIDM VDSPQLATLA DEVSASLAKQGL
Amino acids	1 to 410
Additional sequence information	This is full length isoform P10636-5, Tau-C.

Specifications

Our **Abpromise guarantee** covers the use of **ab72462** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Western blot

	SDS-PAGE
Form	Liquid
Additional notes	This protein is full-length isoform 5, Isoform Tau-C.

Preparation and Storage

Stability and Storage	<p>Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.</p> <p>pH: 7.50</p> <p>Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p>
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General Info

Relevance	<p>Tau410 or Tau C is a member of the Tau family of proteins. Tau proteins promote microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.</p>
Cellular localization	<p>Cytoplasm, cytosol. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, axon. Mostly found in the axons of neurons, in the cytosol and in association with plasma membrane components.</p>

Images



SDS-PAGE showing ab72462 at approximately 61kDa.

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