

Product datasheet

Recombinant Human Tau383 protein ab84766

1 Image

Description

Product name	Recombinant Human Tau383 protein
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	1 to 383

Specifications

Our [Abpromise guarantee](#) covers the use of **ab84766** 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

Preparation and Storage

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

Relevance	Tau383 is a member of the family of neuronal microtubule-associated proteins. Tau promotes assembly and stabilizes neuronal microtubules under normal physiological conditions, but under pathological conditions can also undergo modifications such as hyperphosphorylation, that can result in the generation of aberrant aggregates such as found in neurofibrillary tangles in Alzheimer's disease. Six isoforms have been found that differ from each other in having either 3 or 4 binding repeats (R) of 31-32 amino acids, and from zero to 3 amino terminal inserts (N) of 29
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amino acids each.

Cellular localization

Cytoplasm; cytosol. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm; cytoskeleton. Cell projection; axon. Note: Mostly found in the axons of neurons, in the cytosol and in association with plasma membrane components

Images



SDS-PAGE showing ab84766 at approximately 52kDa.

SDS-PAGE - Recombinant Human Tau383 protein
(ab84766)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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