

Product datasheet

Recombinant Human Tau381 protein ab84770

1 Image

Description

| | |
|--------------------------|--|
| Product name | Recombinant Human Tau381 protein |
| Expression system | Escherichia coli |
| Accession | P10636-4 |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | <p>MAEPRQEFEVMEHDHAGTYGLGDRKDQGGYTMHQDQEG DTDAGLKESPLQT PTEDGSEEPG SETSDAKSTPTAEAEAEAGIGDTPSLEDEAAGHVQARM VSKSKDGTGSDDKKAKGADGKT KIATPRGAAPPQKQGANATRIPAKT PPAPKTPSSGEPPKSGDRSGYSSPGSPGTPGSR SRTPSLTPPTREP KKVAVVRTPPKSPSSAKSRLQTAPVMPDLKNVSKIGS TENLKHQ PG GGKVQIVYKVDLSKVTSKCGSLGNIHHPGGGQVEVKS EKLDKDRVQS KIGSLDNI THVPGGGNKKIETHKLTFRENAKAKTDHGAEIVYKSPVVS GDTSPRHLSNVSTGSIDMV DSPQLATLADEVASLAKQGL</p> |
| Amino acids | 1 to 381 |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab84770** 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, 0.87% Sodium chloride

General Info

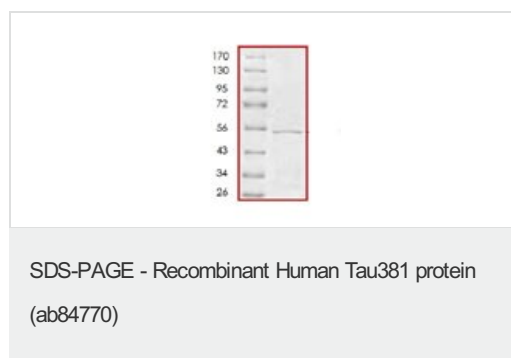
Relevance

Tau381 promotes 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.

Cellular localization

Cell Membrane and Cytoplasmic

Images



SDS-PAGE showing ab84770 at approximately 54kDa.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors