

Recombinant human Tau-4 protein, His

Catalog Number: bs-41332P

Concentration: >0.5 mg/ml

AA Seq: 1-441/441

Predicted MW: 45.8

Tags: His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

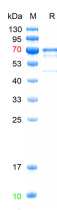
Form: Lyophilized or Liquid

Storage: 50mM Tris-HCl (pH7.5).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Tau proteins are important 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. Tau proteins subcellular located in the axons of neurons, in the cytosol and in association with plasma membrane components. It expressed in neurons. PNS-tau is expressed in the peripheral nervous system while the others are expressed in the central nervous system.

VALIDATION IMAGES



The purity of the protein is greater than 75% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.7] Jihong Sun. et al. A Fully Automated Paper-Based Smartphone-assisted Microfluidic Chemiluminescence Sample-to-Result Immunoassay Platform. ANAL CHIM ACTA. 2025 Apr;;344013 ; . 40374237