

Synonyms

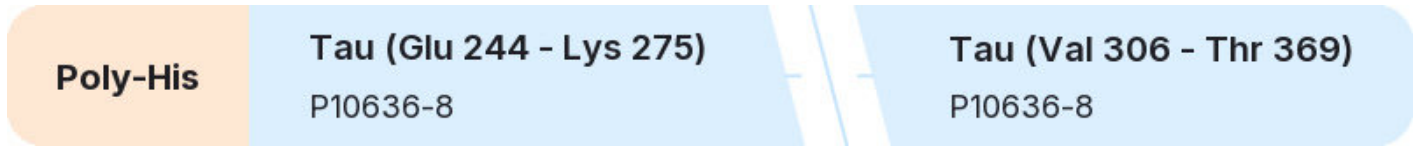
DDPAC, FTDP-17, MAPT, MSTD, MTBT1, Tau, PHF-tau, TAU

Source

Human Tau-441 K12 Protein, His Tag (TAU-H5243) is expressed from *E. coli* cells. It contains AA Glu 244 - Lys 275 & Val 306 - Thr 369 (Accession # [P10636-8](#)).

Predicted N-terminus: Met

Molecular Characterization



This protein carries a polyhistidine tag at the N-terminus.

The protein has a calculated MW of 12.2 kDa. The protein migrates as 11.0 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE).

Endotoxin

Less than 0.01 EU per µg by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Supplied as 0.2 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Shipping and Storage

This product is supplied and shipped on dry ice.

Please avoid repeated freeze-thaw cycles.

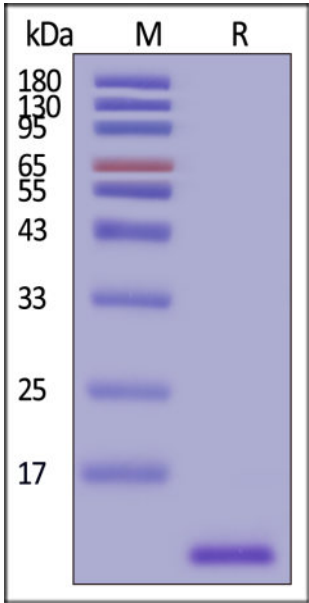
This product is stable after storage at:

- The product **MUST** be stored at -70°C or lower upon receipt;
- -70°C for 12 months under sterile conditions.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

SDS-PAGE



Human Tau-441 K12 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With [Star Ribbon Pre-stained Protein Marker](#)).

Background

The Tau K12 fragment is a C-terminal construct derived from the human Tau protein, containing three microtubule-binding repeats and a flanking region. It is approximately 13.1 kDa in size and serves as a key model for studying Tau aggregation in Alzheimer's disease research.



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