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Recombinant Human ATXN7L1 protein (His tag)

Catalog Number:PDEH100313



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Ataxin-7-like protein 1;ATXN7L1;Ataxin-7-like protein 1;Ataxin-7-like protein 4

Species Human
Expression Host E.coli

SequenceMet 1- Ala 146AccessionQ9ULK2-2Calculated Molecular Weight16.0 kDaObserved molecular weight20 kDa

Tag N-His & C-His

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin Please contact us for more information.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

ATXN7 is found in the cytoplasm of all the populations of neurons analyzed in control brains, but nuclear labeling is observed in some neurons with a frequency and intensity weakly correlated with the topography of lesions in patients. Ataxin-7 is a component of the Tata binding protein (TBP)-free TAF-containing complex (TFTC) and the SPT3/TAF9/GCN5 acetyltransferase complex (STAGA), which is implicated in several steps of transcriptional regulation such as histone acetylation/deubiquitinylation and recruitment of the preinitiation complex to promoters.

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