

Recombinant Human ATXN7L1 protein (His Tag)

Catalog Number: PDEH100967

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

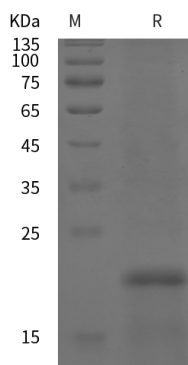
Description

Species	Human
Source	E.coli-derived Human ATXN7L1 protein Met1-Ala146, with an N-terminal His & C-terminal His
Calculated MW	16.0 kDa
Observed MW	20 kDa
Accession	Q9ULK2-2
Bio-activity	Not validated for activity

Properties

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
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 a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

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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