

Recombinant Human ATXN7L1 protein (His tag)

Catalog Number:PDEH100313



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

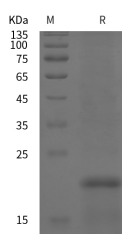
Description

Synonyms	Ataxin-7-like protein 1;ATXN7L1;Ataxin-7-like protein 1;Ataxin-7-like protein 4
Species	Human
Expression Host	E.coli
Sequence	Met 1- Ala 146
Accession	Q9ULK2-2
Calculated Molecular Weight	16.0 kDa
Observed molecular weight	20 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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