

ATXN3L Protein, Human (Sf9, His, FLAG)

Cat. No.:	HY-P701461
Synonyms:	ATXN3L; Ataxin-3-like protein; Machado-Joseph disease protein 1-like
Species:	Human
Source:	Sf9 insect cells
Accession:	Q9H3M9 (D2-K355)
Gene ID:	92552
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris 8.0, 500 mM NaCl, 5% glycerol, 1 mM DTT.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	ATXN3L Protein, functioning as a deubiquitinating enzyme, demonstrates versatile activity by cleaving both 'Lys-48'-linked and 'Lys-63'-linked poly-ubiquitin chains in vitro. Moreover, it serves as a specific deubiquitinase for the transcription factor KLF5, thereby contributing to the regulation of KLF5 stability. The dual capacity of ATXN3L to modulate diverse ubiquitin linkages and interact with specific transcription factors underscores its role in the dynamic regulation of cellular processes and protein stability, revealing its significance in the intricate landscape of cellular homeostasis.
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Caution: Product has not been fully validated for medical applications. For research use only.

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