

Recombinant Full Length Human ATXN3 Protein, C-Flag-tagged

Cat. No. ATXN3-1896HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ATXN3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Machado-Joseph disease, also known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein encoded by this gene contains (CAG) _n repeats in the coding region, and the expansion of these repeats from the normal 12-44 to 52-86 is one cause of Machado-Joseph disease. There is a negative correlation between the age of onset and CAG repeat numbers. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.1 kDa
AA Sequence	MESIFHEKQEGSLCAQHCLNNLLQGEYFSPVELSSIAHQLDEEERMMAEGGVTS DYRTFLQQPSGNMD DSGFFSIQVISNALKVWGLELILFNSPEYQRLRIDPINERSFIC NYKEHWFTVRKLQKQWFNLNSLLTGP ELISDTYLALFLAQLQQEGYSIFVVKGDLPD CEADQLLQMIRVQQMHRPKLIGEELAQLKEQRVHKTDL RVLEANDGSGMLDEDE EDLQRALALSRQEIDMEDEEADLRRAIQLSMQGSSRNISQDMTQTSGTNLTSEE LR KRREAYFEKQQQKQQQQQQQQQGDLSGQSSHPCERPATSSGALGSDLGDAMS

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	EEDMLQAAVTMSLET VRNDLKTEGKK TRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	ATXN3 ataxin 3 [Homo sapiens (human)]
Official Symbol	ATXN3
Synonyms	AT3; JOS; MJD; ATX3; MJD1; SCA3
Gene ID	4287
mRNA Refseq	NM_004993.6

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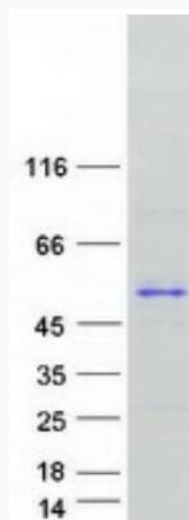
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Protein Refseq NP_004984.2

MIM 607047

UniProt ID P54252



Coomassie blue staining of purified ATXN3 protein.

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