

Recombinant Human ATXN3 Protein, MYC/DDK-tagged

Cat. No. ATXN3-3036H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATXN3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ATXN3 ataxin 3 [Homo sapiens]
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Official Symbol	ATXN3
Synonyms	AT3; ATX3; JOS; MJD; MJD1; SCA3
Gene ID	4287
mRNA Refseq	NM_001127696
Protein Refseq	NP_001121168
MIM	607047
UniProt ID	P54252

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