

Recombinant Human ATXN3 Protein, DDK-tagged

Cat. No. ATXN3-739H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATXN3 fused with DDK tag at C-terminal was expressed in Sf9 cells.
Species	Human
Source	Sf9 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	50mM Tris-HCl, pH8.0, 100mM 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	ATXN3; ataxin 3; Machado Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3) , MJD, SCA3; ataxin-3; ATX3; JOS; josephin; ataxin 3 variant h; ataxin 3 variant m; ataxin 3 variant ref; olivopontocerebellar ataxia 3; Machado-Joseph disease protein 1; spinocerebellar ataxia type 3 protein; Machado-Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3); AT3; MJD; MJD1; SCA3;
Gene ID	4287
mRNA Refseq	NM_001127696
Protein Refseq	NP_001121168
MIM	607047
UniProt ID	P54252

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