

Ataxin 3 Recombinant Protein | ATXN3 recombinant protein

Ataxin 3, 1-370aa, Human, E Coli

CATALOG # AAA48544	HOST E Coli	APPLICATIONS SDS-Page
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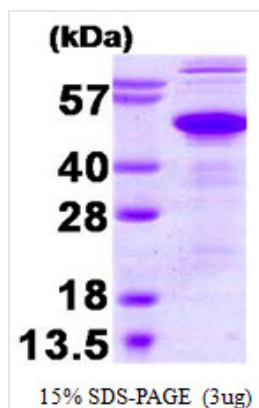
PRODUCT SYNONYMS

Ataxin 3; 1-370aa; Human; E Coli; ATX3; MJD; MJD1; SCA3; ATXN3; JOS; AT3; EC 3.4.22.; Josephin; Machado Joseph disease; Machado Joseph disease protein 1; Machado-Joseph disease protein 1 homolog; MJD gene; Rsc3; SCA3 gene; Spinocerebellar ataxia type 3 protein; ; ATXN3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 2mM DTT, 50mM NaCl, 10% glycerol.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence Length	370
Applicable Applications for ATXN3 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag	Non-tagged
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored 2-8°C for 1 week. For long term storage aliquot and store at -20°C to -80°C. Avoid freeze thaw cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for ATXN3 recombinant protein	Ataxin 3 is also known as Machado-Joseph disease protein 1. Machado-Joseph disease is one of several hereditary autosomal dominant neurodegenerative disorders. This protein contains trinucleotide CAG repeats in the coding region, and the expansion of these repeats from the normal 13-36 to 68-79 is the cause of Machado-Joseph disease. Ataxin 3 interacts with the major histone acetyltransferases cAMP-response-element binding protein (CREB)-binding protein, p300, and p300/CREB-binding protein-associated factor and inhibits transcription by these coactivators. Also, ataxin-3 is a proteasome-associated factor that mediates the degradation of ubiquitinated proteins. Recombinant human Ataxin-3 was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for ATXN3 recombinant protein	Transcription & Translation
References	Doss Pepe EW., et al. (2003). Mol Cell Biol. 23 (18):6469-83. ; Paulson., et al. (1997). Ann Neurol. 41 (4):453-62.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	21708052
NCBI GeneID	4287
Molecular Weight	42.4 kDa (370aa), confirmed by MALDI-TOF.
NCBI Official Full Name	ATXN3 protein
NCBI Official Synonym Full Names	ataxin 3
NCBI Official Symbol	ATXN3
NCBI Official Synonym Symbols	AT3; JOS; MJD; ATX3; MJD1; SCA3
NCBI Protein Information	ataxin-3
UniProt Protein Name	Ataxin-3
UniProt Gene Name	ATXN3
UniProt Synonym Gene Names	ATX3; MJD; MJD1; SCA3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/atxn3-recombinant-protein-e-coli-sds-page/48544>