

Ataxin-2 (ATXN2) Recombinant Protein | ATXN2 recombinant protein

Recombinant Human Ataxin-2 (ATXN2) , partial

CATALOG #
AAA117301

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Ataxin-2 (ATXN2); Recombinant Human Ataxin-2 (ATXN2); partial; ATXN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	481-775aa; Partial
Sequence	REGHSINTRE NKYIPPGQRN REVISWGSGR QNSPRMGQPG SGSMPSRSTS HTSDFNPNSG SDQRVVNGGV PWSPSPSPS SRPPSRYSQSG PNSLPPRAAT PTRPPSRPPS RPSRPPSHPS AHGSPAPVST MPKRMSSEGP PRMSPKAQRH PRNHRVSAGR GSISGSEFV SHNPPSEAAT PPVARTSPSG GTWSSVSGV PRLSPKTHRP RSPRQNSIGN TSPGPVLASP QAGIIPTEAV AMPIPAASPT PASPASNRAV TPSSEAKDSR LQDQRQNSPA GNKENIKPNE TSPSF
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for ATXN2 recombinant protein

The autosomal dominant cerebellar ataxias (ADCA) are a heterogeneous group of neurodegenerative disorders characterized by progressive degeneration of the cerebellum, brain stem and spinal cord. Clinically, ADCA has been divided into three groups: ADCA types I-III. Defects in this gene are the cause of spinocerebellar ataxia type 2 (SCA2). SCA2 belongs to the autosomal dominant cerebellar ataxias type I (ADCA I) which are characterized by cerebellar ataxia in combination with additional clinical features like optic atrophy, ophthalmoplegia, bulbar and extrapyramidal signs, peripheral neuropathy and dementia. SCA2 is caused by expansion of a CAG repeat in the coding region of this gene. Longer expansions result in earlier onset of the disease. Alternatively spliced transcript variants encoding different isoforms have been identified but their full length sequence has not been determined.

NCBI AND UNIPROT INFORMATION

NCBI GI #	858437832
NCBI GeneID	6311
NCBI Accession #	NP_001297052.1
NCBI GenBank Nucleotide #	NM_001310123.1
UniProt Accession #	Q99700 ; Q24JQ7 ; Q6ZQZ7 ; Q99493 ; A6NLD4
Molecular Weight	109,037 Da
NCBI Official Full Name	ataxin-2 isoform 3
NCBI Official Synonym Full Names	ataxin 2

NCBI Official Symbol	ATXN2
NCBI Official Synonym Symbols	ATX2; SCA2; TNRC13
NCBI Protein Information	ataxin-2
UniProt Protein Name	Ataxin-2
UniProt Gene Name	ATXN2
UniProt Synonym Gene Names	ATX2; SCA2; TNRC13

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://stage.aaabiotech.com/atxn2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117301>