

Product datasheet for TP301300

ATXN10 (NM_013236) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ataxin 10 (ATXN10), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201300 protein sequence Red=Cloning site Green=Tags(s)

MAAPRPPPARLSGVMVPAPIQDLEALRALTALFKEQRNRETAPRTIFQRVLDILKKSSHAVELACRDPSQ
VENLASSLQLITECFRCLRNACIECSVNQNSIRNLDITIGVAVDLILLFRELVEQESLLTAFRCGLQFLG
NIASRNEDSQSIVVWHAFPELFLSCLNHPDKKIVAYSSMILFTSLNHERMKELEENLNIAIDVIDAYQKH
PESEWPFLIITDLFLKSPELVQAMFPKLNQERVTLLDLMIAKITSDEPLTKDDIPVFLRHAELIATSFV
DQCKTVLKLASEEPPDDEEALATIRLLDVLCEMTVNTTELLGYLQVFPGLLERVIDLLRVIHVAGKETTNI
FSNCGCVRAEGDISNVANGFKSHLIRLIGNLCYKNKDNQDKVNELDGIPLILDNCNISDSNPFLTQWVIY
AIRNLTEDNSQNQDLIAKMEEQGLADASLLKKVGFVEKKGKELILKSTRDTPKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

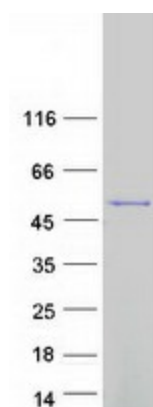
Tag:	C-Myc/DDK
Predicted MW:	53.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_037368</u>



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Locus ID:	25814
UniProt ID:	Q9UBB4 , A6NLC4
RefSeq Size:	3340
Cytogenetics:	22q13.31
RefSeq ORF:	1425
Synonyms:	E46L; HUMEEP; SCA10
Summary:	This gene encodes a protein that may function in neuron survival, neuron differentiation, and neuritogenesis. These roles may be carried out via activation of the mitogen-activated protein kinase cascade. Expansion of an ATTCT repeat from 9-32 copies to 800-4500 copies in an intronic region of this locus has been associated with spinocerebellar ataxia, type 10. Alternatively spliced transcript variants have been described.[provided by RefSeq, Jul 2016]

Product images:



Coomassie blue staining of purified ATXN10 protein (Cat# TP301300). The protein was produced from HEK293T cells transfected with ATXN10 cDNA clone (Cat# [RC201300]) using MegaTran 2.0 (Cat# [TT210002]).