

## Product datasheet for **TP301300M**

### ATXN10 (NM\_013236) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ataxin 10 (ATXN10), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC201300 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAAPRPPPARLSGVMVPAPIQDLEALRALTALFKEQRNRETAPRTIFQRVLDILKKSSHAVELACRDPSQ  
VENLASSQLITECFRCLRNACIECSVNQNSIRNLDTIGVAVDLILLFRELVEQESLLTAFRCGLQFLG  
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.

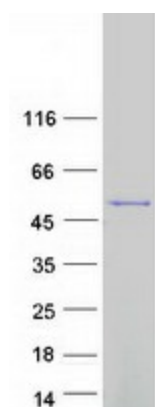
**RefSeq:** [NP\\_037368](#)



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Locus ID:	25814
UniProt ID:	<a href="#">Q9UBB4</a> , <a href="#">A6NLC4</a>
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]).