

## Product datasheet for PH301300

### ATXN10 (NM\_013236) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ATXN10 MS Standard C13 and N15-labeled recombinant protein (NP_037368)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201300
Predicted MW:	53.5 kDa
Protein Sequence:	>RC201300 protein sequence Red=Cloning site Green=Tags(s)

MAAPRPPPARLSGVMVPAPIQDLEALRALTALFKEQRNRETAPRTIFQRVLDILKSSHAVELACRDPSQ  
VENLASSLQLITECFRCLRNACIECSVNQNSIRNLDTIGVAVDLILLFREL RVEQESLLTAFRCGLQFLG  
NIASRNEDSQSIVVHAFPELFLSCLNHPDKKIVAYSSMILFTSLNHERMKELEENLNIAIDVIDAYQKH  
PESEWPFLIITDLFLKSPQLVQAMFPLNNQERVTLDDLMIAKITSDEPLTKDDIPVFLRHAELIASTFV  
DQCKTVLKLASEEPPDDEEALATIRLLDVLCEMTVNTPELLGYLQVFPGLLERVIDLLRVIHVAGKETTNI  
FSNCGCVRAEGDISNVANGFKSHLIRLIGNLCYKNKDNQDKVNELDGIPLILDNCNISDSNPFLTQWVIY  
AIRNLTEDNSQNQDLIAKMEEQGLADASLLKKVGFVEKKGEKILKSTRDTPKP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_037368</u>
RefSeq Size:	3340
RefSeq ORF:	1425
Synonyms:	E46L; HUMEEP; SCA10



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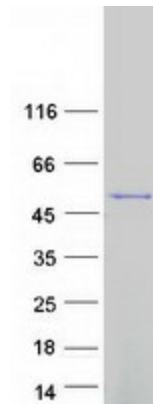
Locus ID: 25814

UniProt ID: [Q9UBB4](#), [A6NLC4](#)

Cytogenetics: 22q13.31

**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]).