

## Product datasheet for TP510675

### Atxn1 (NM\_009124) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ataxin 1 (Atxn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210675 protein sequence Red=Cloning site Green=Tags(s)

MKSNQERSNECLPPKKREIPATSRPSEEKATALPSDNHCVEGVAWLPSTPGIRGHGGGRHGSAGTSGEHG  
LQGMGLHKALSAGLDYSPPSAPRSVPTANTLPTVYPPPQSGTPVSPVQYAHLSHTFQFIGSSQYSGPYAG  
FIPSQLISPSGNPVTSAVASAAGATTPSQRSQLEAYSTLLANMGSLSQAPGHKVEPPPQQLSRAAGLVN  
PGSPPPPTQQNQYIHISSSPQSSGRATSPPIPVHLHPHQTMIPHTLTLGPSSQVWVQYSDAGGHFVPRE  
STKKAESSRLQQAMQAKEVLNGEMEKSRRYGASSVELSLGKASSKSVHPYESRHVVHPSPADYSSRD  
TSGVRGSMVLPNSSTPSADLEAQQTTHREASPSTLNDKSGHLGKPGHRSYALSPHTVIQTTHSASEPL  
PVGLPATAFYAGTQPPVIGYLSGQQQAITYAGGLPQHLVIPGNQPLLIPVGSPPMDTPGAASAIVTSSPQ  
FAAVPHTFVTTALPKSENFNPEALVTQAAYPAMVQAQIHLPVVQSVASPTTASPTLPPYFMKGSIIQLAN  
GELKKVEDLKTEDFIQSAEISNDLKIDSSTVERIEESHSPGVAVIQFAVGEHRAQVSVEVLVEYFFVFG  
QGWSSCCPERTSQLFDLPCSKLSVGDVCISLTLKNLKNKNGSVKKGQPVDPASVLLKQAKTDSLAGSRHRYA  
EQENGINQGSAQVLENGELKFPEKIGLPAAPFLSKIEPSKPTATRRRWSAPETRKLEKSEDEPPLTLP  
KPSLIPQEVKICIEGRSNVGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	83.8 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
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 after receiving vials.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_033150</a>
<b>Locus ID:</b>	20238
<b>UniProt ID:</b>	<a href="#">P54254</a>
<b>RefSeq Size:</b>	10599
<b>Cytogenetics:</b>	13 21.98 cM
<b>RefSeq ORF:</b>	2376
<b>Synonyms:</b>	2900016G23Rik; Atx1; C85907; ENSMUSG00000074917; Gm10786; Sca1
<b>Summary:</b>	Chromatin-binding factor that repress Notch signaling in the absence of Notch intracellular domain by acting as a CBF1 corepressor. Binds to the HEY promoter and might assist, along with NCOR2, RBPJ-mediated repression (By similarity). May be involved in RNA metabolism (By similarity). In concert with CIC and ATXN1L, involved in brain development (PubMed:28288114).[UniProtKB/Swiss-Prot Function]