

## Product datasheet for TP322572L

### ANKS1B (NM\_020140) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ankyrin repeat and sterile alpha motif domain containing 1B (ANKS1B), transcript variant 3, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC222572 representing NM_020140 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MMWQCHLSAQDYRYYPVDGYSLLKRFPPLHPLTGPRCPVQTVGQWLESIGLPQYENHLMANGFDNVQFMGS NVMEDQDLLEIGILNSGHRQRILQAIQLLPKMRPIGHDGYHPTSVAEWLDSIELGDYTKAFLINGYTSMD LLKKIWEVELINVLKINLIGHRKRIASLGDRLHDDPPQKPPRSITLRTGDWGEPSITLRPPNEATASTP VQYWQHHPPEKLIFQSCDYKAFYLGSMLIKELRGTESTQDACAKMRANCQKSTEQMKKVPTIILSVSYKGV KFIDATNKNIIAEHEIRNISCAAQDPEDLSTFAYITKDLKSNHHYCHVFTAFDVNLAYEIIITLGQAFEV AYQLALQARKGGHSSTLPESFENKPSKPIPKPRVSIRKSVDLLHASHTGQEPSEHTEALRKF  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	46.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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>	<u><a href="#">NP_064525</a></u>



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Locus ID: 56899

UniProt ID: [Q7Z6G8](#)

RefSeq Size: 1714

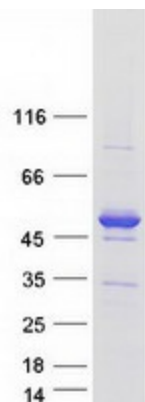
Cytogenetics: 12q23.1

RefSeq ORF: 1242

Synonyms: AIDA; AIDA-1; ANKS2; cajalin-2; EB-1; EB1

**Summary:** This gene encodes a multi-domain protein that is predominantly expressed in brain and testis. This protein interacts with amyloid beta protein precursor (AbetaPP) and may have a role in normal brain development, and in the pathogenesis of Alzheimer's disease. Expression of this gene has been shown to be elevated in patients with pre-B cell acute lymphocytic leukemia associated with t(1;19) translocation. Alternatively spliced transcript variants encoding different isoforms (some with different subcellular localization, PMID:15004329) have been described for this gene. [provided by RefSeq, Aug 2011]

### Product images:



Coomassie blue staining of purified ANKS1B protein (Cat# [TP322572]). The protein was produced from HEK293T cells transfected with ANKS1B cDNA clone (Cat# [RC222572]) using MegaTran 2.0 (Cat# [TT210002]).