

Product datasheet for **TP322572**

ANKS1B (NM_020140) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ankyrin repeat and sterile alpha motif domain containing 1B (ANKS1B), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222572 representing NM_020140 Red =Cloning site Green =Tags(s) MMWQCHLSAQDYRYYPVDGYSLLKRFPPLHPLTGPRCPVQTVGQWLESIGLPQYENHLMANGFDNVQFMGS NVMEDQDLLEIGILNSGHRQRILQAIQLLPKMRPIGHDGYHPTSVAEWLDSIELGDYTKAFLINGYTSMD LLKKIWEVELINVLKINLIGHRKRIASLGDRDHDDPPQKPPRSITLRTGDWGEPSITLRPPNEATASTP VQYWQHHPPEKLIFQSCDYKAFYLGSMILKELRGTESTQDACAKMRANCQKSTEQMKKVPTIILSVSYKGV KFIDATNKNIIAEHEIRNISCAAQDPEDLSTFAYITKDLKSNHHYCHVFTAFDVNLAYEIIITLGQAFEV AYQLALQARKGGHSSTLPESFENKPSKPIPKPRVSIRKSVDLLHASHTGQEPSEHTEALRKF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	46.9 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_064525</u>



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Locus ID: 56899

UniProt ID: [Q7Z6G8](#)

RefSeq Size: 1714

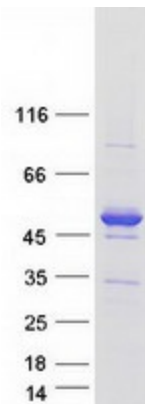
Cytogenetics: 12q23.1

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]).