

## Product datasheet for PH322572

### ANKS1B (NM\_020140) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ANKS1B MS Standard C13 and N15-labeled recombinant protein (NP_064525)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222572
Predicted MW:	46.9 kDa
Protein Sequence:	>RC222572 representing NM_020140 Red=Cloning site Green=Tags(s)
	MMWQCHLSAQDYRYYPVDGYSLLKRFPLHPLTGPRCPVQTVGQWLESIGLPQYENHLMANGFDNVQFMGS NVMEDQDLEIGILNSGHRQRILQAIQLLPKMRPIGHDGYHPTSVAEWLDSIELGDYTKAFLINGYTSMD LLKKIWEVELINVLKINLIGHRKRILASLGDRLHDDPPQKPPRSITLRTGDWGEPSITLRPPNEATSTP VQYWQHHEPEKLIFQSCDYKAFYLGSMLIKELRGTESTQDACAKMRANCQKSTEQMKKVPTIILSVSYKGV KFIDATNKNIIAEHEIRNISCAAQDPEDLSTFAYITKDLKSNHHYCHVFTAFDVNLAYEIIITLGGQAFEV AYQLALQARKGGHSSTLPESFENKPSKPIPKPRVSIRKSVDLLHASHTGQEPSERHTEELRKF
	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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_064525</a>
RefSeq Size:	1714
RefSeq ORF:	1242
Synonyms:	AIDA; AIDA-1; ANKS2; cajalin-2; EB-1; EB1
Locus ID:	56899



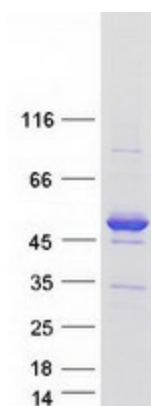
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UniProt ID: [Q7Z6G8](#)

Cytogenetics: 12q23.1

**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]).