

Recombinant Full Length Human ANKS1B Protein, GST-tagged

Cat. No. ANKS1B-3934HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EB-1 full-length ORF (AAH26313, 1 a.a. - 510 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	510 amino acids
Description	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]
Molecular Mass	81.84 kDa
AA Sequence	MMWQCHPSAQDYRYYPVDGYSLLKRFLHPLTGPRCPVQTVGQWLESIGLPQYEN HLMANGFDNVQFMGSNVMEDQDLLEIGILNSGHRQRILQAIQLLPKMRPIGHDGYHP TSVAEWLDSIELGDYTKAFLINGYTSMDLLKKIWEVELINVLKINLIGHRKRILASLGDR LHDDPPQKPPRSITLREPSGNHTPPQLSPSLSQSTYTTGGSLDVPHIIMQGDARRRR

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NENYFDDIPRSKLERQMAQSSVCEIWTNQNAGFPFSAIHQVHNTGDWGEPSITLRP
PNEATASTPVQYWQHHPEKLIFQSCDYKAFYLGSMILIKELRGTESTQDACAKMRAN
CQKSTEQMKKVPTIILSVSYKGVKFIDATNKNIIAEHEIRNISCAAQDPEDLSTFAYITK
DLKSNHHYCHVFTAFDVNLAYEIIILTLGQAFEVAYQLALQARKGGHSSTLPESFENKP
SKPIPKPRVSIRKSVQIDPSEQKTLANLPWIVEPGQEAKRGINTKYETTIF

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ANKS1B ankyrin repeat and sterile alpha motif domain containing 1B \[Homo sapiens \]](#)

Official Symbol [ANKS1B](#)

Synonyms ANKS1B; ankyrin repeat and sterile alpha motif domain containing 1B; ankyrin repeat and sterile alpha motif domain-containing protein 1B; AIDA 1; ANKS2; cajalin 2; EB 1; E2a-Pbx1-associated protein; amyloid-beta precursor protein intracellular domain associated protein 1; EB1; AIDA; EB-1; AIDA-1; cajalin-2; MGC26087;

Gene ID [56899](#)

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mRNA Refseq	NM_001204065
Protein Refseq	NP_001190994
MIM	607815
UniProt ID	Q7Z6G8

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