

Recombinant Human ANKS1B, GST-tagged

Cat. No. ANKS1B-9678H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANKS1B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	446-510a.a.
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 Alzheimers 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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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
mRNA Refseq	NM_001204065
Protein Refseq	NP_001190994
MIM	607815
UniProt ID	Q7Z6G8
Chromosome Location	12q23.1
Function	ephrin receptor binding;