

Recombinant Human APLP1 protein, GST-tagged

APLP1-687H Human

Lot. No. (See product label)

Specification

Product Overview	Human APLP1 partial ORF (AAH12889, 523 a.a. - 625 a.a.) recombinant protein with GST-tag at N-terminal.
Description	This gene encodes a member of the highly conserved amyloid precursor protein gene family. The encoded protein is a membrane-associated glycoprotein that is cleaved by secretases in a manner similar to amyloid beta A4 precursor protein cleavage. This cleavage liberates an intracellular cytoplasmic fragment that may act as a transcriptional activator. The encoded protein may also play a role in synaptic maturation during cortical development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Source	Wheat Germ
Species	Human
Tag	GST
Molecular Mass	36.96 kDa
AA Sequence	LPKGSTEQDAASPEKEKMNPLEQYERKVNASVPRGFPHSSEIQRDELAPAGTGVSREAVSGLLI MGAGGGSLIVLSMLLLRRKKPYGAISHGVVEVDPMLTL
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	APLP1 amyloid beta (A4) precursor-like protein 1 [Homo sapiens]
Official Symbol	APLP1
Synonyms	APLP1; amyloid beta (A4) precursor-like protein 1; amyloid-like protein 1; amyloid precursor like protein 1; amyloid like protein 1; APLP; APLP-1; amyloid precursor-like protein 1;
Gene ID	333
mRNA Refseq	NM_001024807
Protein Refseq	NP_001019978

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MIM [104775](#)

UniProt ID [P51693](#)

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