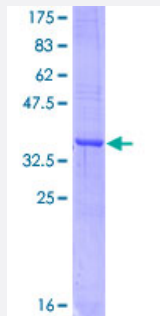


APLP1 (Human) Recombinant Protein (Q01)

Catalog # H00000333-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human APLP1 partial ORF (AAH12889, 523 a.a. - 625 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LPKGSTEQDAASPEKEKMNPLEQYERKVNASVPRGFPHSSEIQRDELAPAGTGVSREAVSGLL IMGAGGGSLIVLSMLLLRRKKPYGAISHGVVEVDPM LTL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
Interspecies Antigen Sequence	Mouse (83); Rat (84)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — APLP1

Entrez GeneID	333
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GeneBank Accession#	BC012889
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Protein Accession#	AAH12889
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Gene Name	APLP1
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Gene Alias	APLP
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Gene Description	amyloid beta (A4) precursor-like protein 1
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Omim ID	104775
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Gene Ontology	Hyperlink
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Gene Summary	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]
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Other Designations	amyloid precursor-like protein 1 amyloid-like protein 1
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