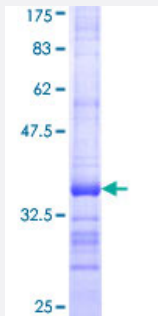


GPAA1 (Human) Recombinant Protein (Q01)

Catalog # H00008733-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GPAA1 partial ORF (NP_003792, 79 a.a. - 158 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AHRKKSGALPVAWLERTMRSVGLVYTQSFSRKLPFPDETHERYMVSGTNVYGILRAPRAASTE SLVLTVPCGSDSTNSQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.54
Interspecies Antigen Sequence	Mouse (91); Rat (91)
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 — GPAA1

Entrez GeneID [8733](#)

GeneBank Accession# [NM_003801](#)

Protein Accession# [NP_003792](#)

Gene Name GPAA1

Gene Alias GAA1, hGAA1

Gene Description glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast)

Omim ID [603048](#)

Gene Ontology [Hyperlink](#)

Gene Summary Posttranslational glycosylphosphatidylinositol (GPI) anchor attachment serves as a general mechanism for linking proteins to the cell surface membrane. The protein encoded by this gene presumably functions in GPI anchoring at the GPI transfer step. The mRNA transcript is ubiquitously expressed in both fetal and adult tissues. The anchor attachment protein 1 contains an N-terminal signal sequence, 1 cAMP- and cGMP-dependent protein kinase phosphorylation site, 1 leucine zipper pattern, 2 potential N-glycosylation sites, and 8 putative transmembrane domains. [provided by RefSeq]

Other Designations GPAA1P anchor attachment protein 1 homolog|GPI transamidase subunit|anchor attachment protein 1 (Gaa1p, yeast) homolog|glycophosphatidylinositol anchor attachment 1|glycosylphosphatidylinositol anchor attachment protein 1

Pathway

- [Glycosylphosphatidylinositol\(GPI\)-anchor biosynthesis](#)

- [Metabolic pathways](#)