

Recombinant Human GPAA1 Protein, GST-tagged

Cat. No. GPAA1-5137H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPAA1 full-length ORF (AAH04129, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	94.05 kDa
AA Sequence	MGLLSDPVRRRALARLVRLNAPLCVLSYVAGIAWFLALVFPPLTQRTYMSNAMGS TMVEEQFAGGDRARAFARDFAAHRKKSGALPVAWLERTMQSVGLEVYTQSFSRKL PPFDETHERYMVSGTNVYGILRAPRAASTESLVLTVPCGSDSTNSQAVGLLLALAAH FRGQIYWAKDIVFLVTEHDLLGTEAWLEAYHDVNVVTGMQSSPLQGRAGAIQAAVAL ELSSDVVTSLDVAVEGLNGQLPNLDLLNLFQTFCQKGGLLCTLQGKLQPEDWTSLD GPLQGLQTLMLMVLRLQASGRPHGSHGLFLRYRVEALTLRGINSFRQYKYDLVAVGK

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ALEGMFRKLNHLLERLHQSFLLYLLPGLSRFVSIGLYMPAVGFLLLVLGLKALELWMQ
 LHEAGMGLEEPGGAPGPSVPLPPSQGVGLASLVAPLLISQAMGLALYVLPVLGQHV
 ATQHFPVAEAEAVVLTLLAIYAAGLALPHNTHRVVSTQAPDRGWMALKLVALIYLALQ
 LGCIALTNFSLGFLATTMVPTAALAKPHGPRTLYAALLVLTSPAATLLGSLFLWRELQ
 EAPLSLAEGWQLFLAALAQGVLEHHTYGALLFPLLSLGLYPCWLLFWNVLFWK

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

GPAA1 glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast) [Homo sapiens]

Official Symbol

GPAA1

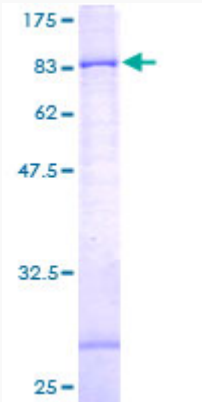
Synonyms

GPAA1; glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast); anchor attachment protein 1 (Gaa1p, yeast) homolog, GPAA1P anchor attachment protein 1 homolog (yeast); glycosylphosphatidylinositol anchor attachment 1 protein; GAA1; GPI transamidase subunit; hGAA1; GAA1 protein homolog; GPI anchor attachment protein 1; GPAA1P anchor attachment protein 1 homolog; glycoposphatidylinositol anchor attachment 1; anchor attachment protein 1 (Gaa1p, yeast) homolog;

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Gene ID	8733
mRNA Refseq	NM_003801
Protein Refseq	NP_003792
MIM	603048
UniProt ID	O43292
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.