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	MGLLSDPVRRRALARLVLRLNAPLCVLSYVAGIAWFLALVFPPLTQRTYMSENAMGS TMVEEQFAGGDRARAFARDFAAHRKKSGALPVAWLERTMQSVGLEVYTQSFSRKL PFPDETHERYMVSGTNVYGILRAPRAASTESLVLTVPCGSDSTNSQAVGLLLALAAH FRGQIYWAKDIVFLVTEHDLLGTEAWLEAYHDVNVTGMQSSPLQGRAGAIQAAVAL ELSSDVVTSLDVAVEGLNGQLPNLDLLNLFQTFCQKGGLLCTLQGKLQPEDWTSLD GPLQGLQTLLLMVLRQASGRPHGSHGLFLRYRVEALTLRGINSFRQYKYDLVAVGK

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	ALEGMFRKLNHLLERLHQSFFLYLLPGLSRFVSIGLYMPAVGFLLLVLGLKALELWMQ LHEAGMGLEEPGGAPGPSVPLPPSQGVGLASLVAPLLISQAMGLALYVLPVLGQHV ATQHFPVAEAEAVVLTLLAIYAAGLALPHNTHRVVSTQAPDRGWMALKLVALIYLALQ LGCIALTNFSLGFLLATTMVPTAALAKPHGPRTLYAALLVLTSPAATLLGSLFLWRELQ 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; glycophosphatidylinositol 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

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