

# Recombinant Full Length Human GPAA1 Protein, GST-tagged

Cat. No. GPAA1-5491HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GPAA1 full-length ORF ( AAH04129, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	621 amino acids
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	94.05 kDa
<b>AA Sequence</b>	<p>MGLLSDPVRRRALARLVLRNLNAPLCVLSYVAGIAWFLALVFPPLTQRTYMSNAMGS            TMVEEQFAGGDRARAFARDFAAHRKKSGALPVAWLERTMQSVGLEVYTQSFSRKL            PFPDETHERYMVSGTENVYGILRAPRAASTESLVLTVPCGSDSTNSQAVGLLLALAAH            FRGQIYWAKDIVFLVTEHDLLGTEAWLEAYHDVNVVTGMQSSPLQGRAGAIQAAVAL            ELSSDVVTSLDVAVEGLNGQLPNLDLLNLFQTFQKGGLLCTLQGKLPEDWTSLD</p>

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GPLQGLQTLMLMVLQRQASGRPHGSHGLFLRYRVEALTLRGINSFRQYKYDLVAVGK  
 ALEGMFRKLNHLLERLHQSFLLYLLPGLSRFVSIGLYMPAVGFLLLVLGLKALELWMQ  
 LHEAGMGLEEPGGAPGPSVPLPPSQGVGLASLVAPLLISQAMGLALYVLPVLGQHV  
 ATQHFPVAEAEAVVLTLLAIYAAGLALPHNTHRVVSTQAPDRGWMALKLVALIYLALQ  
 LGCIALTNFSLGFLATTMVPTAALAKPHGPRTLYAALLVLTSPAATLLGSLFLWRELQ  
 EAPLSLAEGWQLFLAALAQGVLEHHTYGALLFLLSLGLYPCWLLFWNVLFWK

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GPAA1 glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast) [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	GPAA1
<b>Synonyms</b>	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,

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yeast) homolog;

**Gene ID**

8733

**mRNA Refseq**

NM\_003801

**Protein Refseq**


NP\_003792

**MIM**

603048

**UniProt ID**

O43292

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