

# Recombinant Full Length Human GPA33 Protein, GST-tagged

**Cat. No.** GPA33-5468HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GPA33 full-length ORF ( NP_005805.1, 1 a.a. - 319 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>	319 amino acids
<b>Description</b>	The glycoprotein encoded by this gene is a cell surface antigen that is expressed in greater than 95% of human colon cancers. The open reading frame encodes a 319-amino acid polypeptide having a putative secretory signal sequence and 3 potential glycosylation sites. The predicted mature protein has a 213-amino acid extracellular region, a single transmembrane domain, and a 62-amino acid intracellular tail. The sequence of the extracellular region contains 2 domains characteristic of the CD2 subgroup of the immunoglobulin (Ig) superfamily. [provided by RefSeq]
<b>Molecular Mass</b>	62 kDa
<b>AA Sequence</b>	MVGKMWPVLWTLCAVRVTVDAISVETPQDVLRASQGKSVTLPCITYHTSTSSREGLI QWDKLLLTHTERVVIWPFNSKNKYIHGELYKNRVISISNNAEQSDASITIDQLTMADNGT YECSVSLMSDLEGNTKSRVRLLVLPVPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQ YSWKRYNILNQEQLAQPASGQPVSLKNISTDTSGYYICTSSNEEGTQFCNITVAVR SPSMNVALYVGIAVGVVAALIIIGIIIIYCCCCRGKDDNTEDKEDARPNREAYEPEPEQL RELSREREEEDDYRQEEQRSTGRES PDHLDQ

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<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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GPA33 glycoprotein A33 (transmembrane) [ Homo sapiens ]
<b>Official Symbol</b>	GPA33
<b>Synonyms</b>	GPA33; glycoprotein A33 (transmembrane); cell surface A33 antigen; A33; transmembrane glycoprotein A33; MGC129986; MGC129987;
<b>Gene ID</b>	10223
<b>mRNA Refseq</b>	NM_005814
<b>Protein Refseq</b>	NP_005805
<b>MIM</b>	602171
<b>UniProt ID</b>	Q99795

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