

Recombinant Full Length Human GPA33 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human GPA33 full-length ORF (NP_005805.1, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	319 amino acids
Description	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]
Molecular Mass	62 kDa
AA Sequence	MVGKMWPVLWTLCAVRVTVDIAISVETPQDVLRASQGKSVTLPCITYHTSTSSREGLI QWDKLLLTHTERVVIWPFSSNKNYIHGELYKNRVVISNNAEQSDASITIDQLTMADNGT YECVSLMSDLEGNTKSRVRLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPPTQ YSWKRYNILNQEQLAPASGQPVSLKNISTDTSGYYICTSSNEEGTQFCNITVAVR SPSMNVALYVGIAVGVVAALIIIGIIIIYCCCCRGKDDNTEDKEDARPNREAYEPEPEQL RELSREREEEDDYRQEEQRSTGRES PDHLDQ

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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	GPA33 glycoprotein A33 (transmembrane) [Homo sapiens]
Official Symbol	GPA33
Synonyms	GPA33; glycoprotein A33 (transmembrane); cell surface A33 antigen; A33; transmembrane glycoprotein A33; MGC129986; MGC129987;
Gene ID	10223
mRNA Refseq	NM_005814
Protein Refseq	NP_005805
MIM	602171
UniProt ID	Q99795

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