

Recombinant Human GPA33 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GPA33-3890H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GPA33 MS Standard C13 and N15-labeled recombinant protein (NP_005805) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	35.6 kDa
AA Sequence	MVGKMWPVLWTLCAVRVTVD AISVETPQDVL RASQGKSVTL PCTYHTSTSSREGLI QWDKLLLTHTERVVIWPF SNKNYIHGELYKNRVSISNNAEQSDASITIDQLTMADNGT YECVSLMSDLEGNTKSRVRL LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQ YSWKRYNILNQEQLAQPASGQPVSLKNISTDTSGYYICTSSNEEGTQFCNITVAVR SPSMNVALYVGIAVGVAALIIIGIIIIYCCCCRGKDDNTEDKEDARPNREAYEEPPEQL RELSREREEEDDYRQEEQRSTGRES PDHLDQTRTRPLEQKLISEEDLAANDILDYKD

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	DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

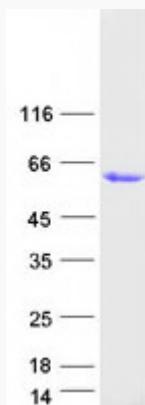
GENE INFORMATION

Gene Name	GPA33 glycoprotein A33 [Homo sapiens (human)]
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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SDS-PAGE

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