

## Active Recombinant Human GPA33 protein, His-tagged, Biotinylated

Cat. No. GPA33-339H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human GPA33 protein(Ile 22 - Val 235), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ile22-Val235
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Biotinylated Human GPA33, His Tag, primary amine labeling at 5 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate, can bind Monoclonal Anti-Human GPA33 Antibody, Human IgG1 with a linear range of 0.3-1 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 24.4 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**Storage** For long term, the product should be stored at lyophilized state at -20°C or lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Conjugation** Biotin

## 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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