Active Recombinant Human GPA33 protein, His-tagged, Biotinylated

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human GPA33 protein(Ile 22 - Val 235), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile22-Val235
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>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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