

Active Recombinant Human GPA33 protein, His-tagged

Cat. No. GPA33-244H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human GPA33 protein(Q99795-1) (Ile 22 - Val 235) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	22-235 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human GPA33, His Tag at 5 µg/mL (100 µL/well) can bind Monoclonal Anti-Human GPA33 Antibody, Human IgG1 with a linear range of 0.3-5 ng/mL.
Molecular Mass	The protein has a calculated MW of 24.4 kDa. The protein migrates as 33-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method / rFC method.
Purity	>96% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 12 months under sterile conditions after reconstitution.

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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.

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

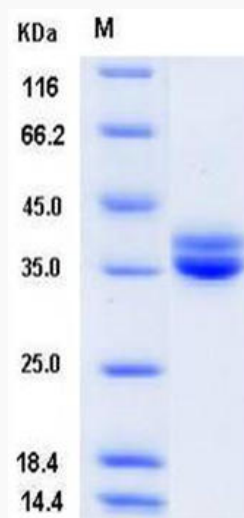
UniProt ID Q99795

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SDS-PAGE



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