Recombinant Human GPA33 protein, His-Avi-tagged

Cat. No. GPA33-790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPA33 protein(Q99795-1)(Ile22-Val235), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile22-Val235
Tag	C-His-Avi
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GPA33, His Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Anti-GPA33 Antibody, hFc Tag with the EC50 of 4.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 26.5 kDa. Due to glycosylation, the protein migrates to 28-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

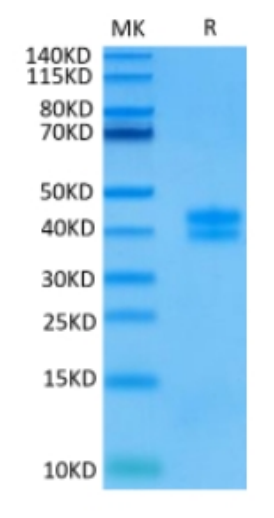
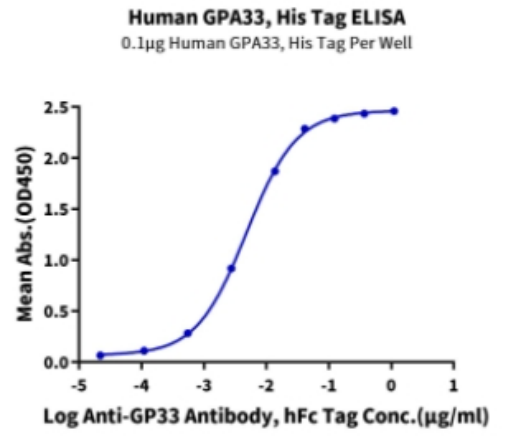
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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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Tris-Bis PAGE	
ELISA Data	

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