

Recombinant Human GYPA protein, hFc-tagged

Cat. No. GYPA-3564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GYPA protein(P02724-1)(Ser20-Glu91), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser20-Glu91
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Anti-GPA Antibody immobilized on CM5 Chip can bind Human GPA, hFc Tag with an affinity constant of 0.72 uM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 34.7 kDa. Due to glycosylation, the protein migrates to 45-70 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
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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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 GYPA glycophorin A (MNS blood group) [Homo sapiens]

Official Symbol GYPA

Synonyms GYPA; glycophorin A (MNS blood group); glycophorin A (includes MN blood group) , glycophorin A (MN blood group) , MNS; glycophorin-A; CD235a; GPA; MN; glycophorin Mil; glycophorin MiV; glycophorin SAT; glycophorin Erik; glycophorin A, GPA; MN sialoglycoprotein; glycophorin Sta type C; sialoglycoprotein alpha; Mi.V glycoprotein (24 AA); glycophorin A (MN blood group); recombinant glycophorin A-B Miltenberger-DR; erythroid-lineage-specific membrane sialoglycoprotein; MNS; GPSAT; PAS-2; GP Erik; HGpMiV; HGpMiXI; HGpSta(C);

Gene ID 2993

mRNA Refseq NM_002099

Protein Refseq NP_002090

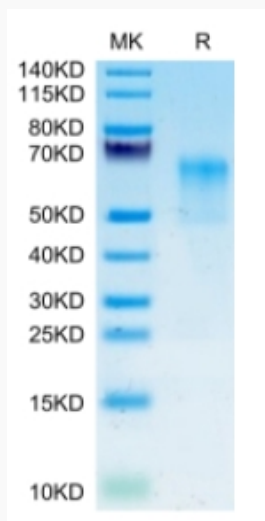
UniProt ID P02724

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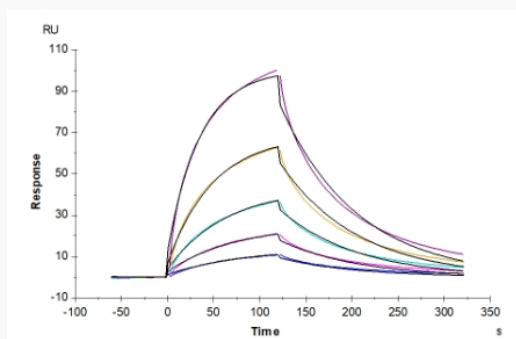
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Tris-Bis PAGE



SPR Data



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