

Recombinant Human GYPA protein(Met1-Glu91), His-tagged

Cat. No. GYPA-301H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human GYPA (P02724) (Met1-Glu91) was expressed in HEK293 with a C-terminal polyhistidine tag. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Met1-Glu91 |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The recombinant human GYPA comprises 83 amino acids and has a predicted molecular mass of 9.4 kDa. The apparent molecular mass of the protein is approximately 35-45 and 20 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method |
| Purity | > 95% as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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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 [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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