

Recombinant Human GYPA Protein, His-tagged

Cat. No. GYPA-285H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GYPA fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the antigenic determinants for the MN and Ss blood groups. In addition to the M or N and S or s antigens that commonly occur in all populations, about 40 related variant phenotypes have been identified. These variants include all the variants of the Miltenberger complex and several isoforms of Sta, as well as Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	14.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	GYPA glycophorin A (MNS blood group) [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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; GPErik; HGpMiV; HGpMiXI; HGpSta(C);
Gene ID	2993
mRNA Refseq	NM_002099
Protein Refseq	NP_002090
UniProt ID	P02724

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