

Recombinant Full Length Human GYPA Protein

Cat. No. GYPA-215HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Glycophorin A protein with an N terminal proprietary tag; predicted Mwt: 42.57 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	150 amino acids
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	Liquid
Molecular Mass	42.570kDa inclusive of tags
AA Sequence	MYGKIIFVLL LSAIVSISAS STTGVMHTS TSSSVTKSYI SSQTNDTHKR DTYAATPRAHEVSEISVRTV YPPEEETGER VQLAHHFSEP EITLIIFGVM AGVIGTILLI SYGIRRLIKKSPSDVKPLPS PDTDVPLSSV EIENPETSQ

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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
Gene ID	2993
mRNA Refseq	NM_002099
Protein Refseq	NP_002090
MIM	617922
UniProt ID	P02724

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