

Recombinant Human GYPA Protein (20-91 aa), GST-tagged

Cat. No. GYPA-545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GYPA Protein (20-91 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	20-91 aa
Description	Glycophorin A is the major intrinsic mbrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte mbrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma mbrane. Is a receptor for influenza virus. Is a receptor for Plasmodium falciparum erythrocyte-binding antigen 175 (EBA-175); binding of EBA-175 is dependent on sialic acid residues of the O-linked glycans. Appears to be a receptor for Hepatitis A virus (HAV).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	34.9 kDa
AA Sequence	LSTTEVAMHTSTSSSVTKSYISSQTNDTHKRDTYAATPRAHEVSEISVRTVYPPEEET GERVQLAHHFSEPE

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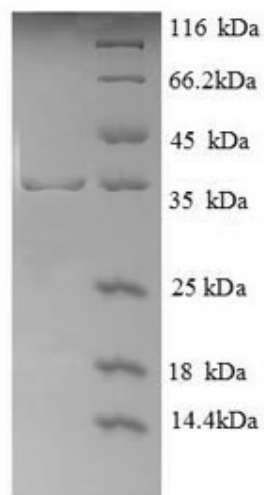
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	GYPA glycophorin A (MNS blood group) [Homo sapiens]
Official Symbol	GYPA
Synonyms	GYPA; CD235a; GPA; MN; MNS; GPSAT; PAS-2; GPERik; HGpMiV; HGpMiXI; HGpSta(C);
Gene ID	2993
mRNA Refseq	NM_002099
Protein Refseq	NP_002090
UniProt ID	A0A0C4DFT7

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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