

Proteoliposomes

Full-Length

GYPB (Human) Recombinant Protein

Catalog # H00002994-G01

Size 2 ug

Specification

Product Description	Human GYPB full-length ORF (NP_002091.2) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MYGKIIFVLLSEIVSISALSTTEVAMHTSTSSSVTKSYISSQTNGETGQLVHRFTVPAPVVIIILLCVM AGIIGTILLISYSIRRLIKA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	9.800000000000001
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — GYPB

Entrez GeneID [2994](#)

GeneBank Accession#	NM_002100.3
Protein Accession#	NP_002091.2
Gene Name	GYPB
Gene Alias	CD235b, GPB, GPB.NY, GYPHe.NY, HGpMiVI, MNS, SS
Gene Description	glycophorin B (MNS blood group)
Omim ID	111740
Gene Ontology	Hyperlink
Gene Summary	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. GYPB gene consists of 5 exons and has 97% sequence homology with GYPA from the 5' UTR to the coding sequence encoding the first 45 amino acids. 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; also, 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. [provided by RefSeq]
Other Designations	Ss blood group glycophorin B glycophorin HeP2 glycophorin MiVI

Disease

- [Genetic Predisposition to Disease](#)
- [Malaria](#)