

Proteoliposomes

Full-Length

GYPA (Human) Recombinant Protein

Catalog # H00002993-G01

Size 2 ug

Specification

Product Description	Human GYPA full-length ORF (AAH13328.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MYGKIIFVLLLSAMVSISASSTTGVMHTSTSSSVTKSYISSQTNDTHKRDYAATPRAHEVSEISVRT VYPPEEETGERVQLAHHFSEPEITLIIFGVMAGVIGTILLISYGIRRLIKKSPSDVKPLPSPD TDVPLSS VEIENPETS DQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	16.3
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 — GYPA

Entrez GeneID

[2993](#)

GeneBank Accession#	BC013328.1
Protein Accession#	AAH13328.1
Gene Name	GYPA
Gene Alias	CD235a, GPA, GPErik, GPSAT, GpMiIII, HGpMiIII, HGpMiV, HGpMiX, HGpMiXI, HGpSta(C), MN, MNS
Gene Description	glycophorin A (MNS blood group)
Omim ID	111300 611162
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. 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. [provided by RefSeq]
Other Designations	Mi.V glycoprotein (24 AA) erythroid-lineage-specific membrane sialoglycoprotein glycophorin A glycophorin A (MN blood group) glycophorin A MNS blood group glycophorin A, GPA glycophorin Erik glycophorin Mi glycophorin MiIII glycophorin MiV glycophorin Mi

Pathway

- [Hematopoietic cell lineage](#)

Disease

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