GYPA (Human) Recombinant Protein

Catalog # P9400 Size 2 x 10 ug

Specification

Product Description	Human GYPA (P02724, 20 a.a. - 91 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.
Sequence	ADPLSTTEVAMHTSTSSSVTKSYISSQTNDTHKRDTYAATPRAHEVSEISVRTVYPPEEETGERVQLAHHFSEPEHHHHHH
Host	insect
Theoretical MW (kDa)	9.1
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 85.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — GYPA

Entrez GeneID	2993

Protein Accession#	P02724
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 me mbrane 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 phenot ypes 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 b y RefSeq
Other Designations	Mi.V glycoprotein (24 AA)|erythroid-lineage-specific membrane sialoglycoprotein|glycophorin A|gl ycophorin A (MN blood group)|glycophorin A MNS blood group|glycophorin A, GPA|glycophorin E rik|glycophorin MiI|glycophorin MiIII|glycophorin MiV|glycophorin Mi

Pathway

- Hematopoietic cell lineage

Disease

- Asthma
- Crohn Disease
- Genetic Predisposition to Disease
- Malaria