

Glycophorin-A Recombinant Protein | GYPA recombinant protein

Recombinant Human Glycophorin-A

CATALOG # AAA18483	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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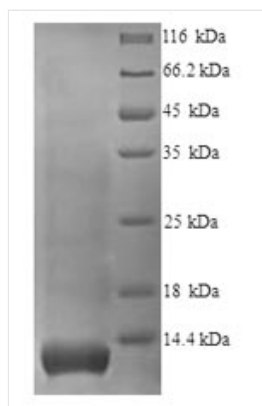
PRODUCT SYNONYMS

Glycophorin-A; Recombinant Human Glycophorin-A; MN sialoglycoprotein; PAS-2Sialoglycoprotein alpha; CD235a; GYPA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-91aa; Extracellular Domain
Sequence	LSTTEVAMHT STSSSVTKSY ISSQTNDTHK RDTYAATPRA HEVSEISVRT VYPPEEETGE RVQLAHHFSE PE
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GYPA recombinant protein	Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, 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 membrane. 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).
Product Categories/Family for GYPA recombinant protein	Cardiovascular

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	815891063
NCBI GeneID	2993
NCBI Accession #	NP_001295119.1
NCBI GenBank Nucleotide #	NM_001308190.1
UniProt Accession #	P02724; Q9BS51; A8K3E6; B8Q182; B8Q185
Molecular Weight	34.9 kDa
NCBI Official Full Name	glycophorin-A isoform 3
NCBI Official Synonym Full Names	glycophorin A (MNS blood group)
NCBI Official Symbol	GYPA
NCBI Official Synonym Symbols	MN; GPA; MNS; GPSAT; PAS-2; CD235a; GP _E rik; HGpMiV; HGpMiXI; HGpSta(C)
NCBI Protein Information	glycophorin-A
UniProt Protein Name	Glycophorin-A
UniProt Gene Name	GYPA
UniProt Synonym Gene Names	GPA
UniProt Entry Name	GLPA_HUMAN

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