

GYPA / CD235a / Glycophorin A Recombinant Protein | GYPA / CD235a recombinant protein

Recombinant Human GYPA / CD235a / Glycophorin A Protein (His tag)

CATALOG #
AAA173521

HOST
HEK293 Cells

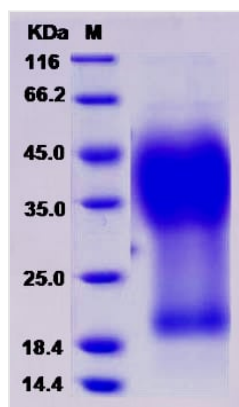
PRODUCT SYNONYMS

GYPA / CD235a / Glycophorin A; Recombinant Human GYPA / CD235a / Glycophorin A Protein (His tag); CD235a; GPA; GP_Erik; GPSAT; HGpMiV; HGpMiXI; HGpSta(C); MN; MNS; PAS-2; GYPA / CD235a recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween-80.
Sequence Positions	Met 1-Glu91
Species	Human
Tag	C-His
Endotoxin	< 1.0 EU per ug of the protein as determined by the LAL method.
Reconstitution	It is recommended that sterile water (500uL) be added to the vial to prepare a stock solution of 2mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GYPA / CD235a recombinant protein	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-Uand Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB.
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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	Mol_Mass: 9.4 kDa AP_Mol_Mass: 35-45 & 20 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 Erik; HGpMiV; HGpMiXI; HGpSta(C)
NCBI Protein Information	glycophorin-A
UniProt Protein Name	Glycophorin-A
UniProt Gene Name	GYPA
UniProt Synonym Gene Names	GPA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gypa-recombinant-protein-hek293-cells/173521>