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Datasheet for ABIN7195961

CD235a/GYPA Protein (His tag)

Overview

Quantity:	100 µg
Target:	CD235a/GYPA (GYPA)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD235a/GYPA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human GYPA/CD235a/Glycophorin A Protein (His Tag)
Sequence:	Met 1-Glu91
Characteristics:	A DNA sequence encoding the human GYPA (P02724) (Met1-Glu91) was expressed with a C-terminal polyhistidine tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	CD235a/GYPA (GYPA)
Alternative Name:	GYPA/CD235a/Glycophorin A (GYPA Products)
Background:	Background: 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

Target Details

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.

Synonym: CD235a,GPA,GPErik,GPSAT,HGpMiV,HGpMiXI,HGpSta(C),MN,MNS,PAS-2

Molecular Weight: 9.4 kDa

UniProt: [P02724](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.