

Datasheet for ABIN7490775
CD235a/GYPA Protein (AA 28-91) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	CD235a/GYPA (GYPA)
Protein Characteristics:	AA 28-91
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD235a/GYPA protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human CD235A protein with C-terminal human Fc tag
Specificity:	CD235A (His28-Glu91) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD235a/GYPA (GYPA)
Alternative Name:	CD235A (GYPA Products)
Background:	Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte

Target Details

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, Jul 2008]

Molecular Weight: predicted molecular mass of 33.3 kDa after removal of the signal peptide. The apparent molecular mass of CD235A-hFc is 35-55 kDa due to glycosylation.

UniProt: [P02724](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

Restrictions: For Research Use only

Handling

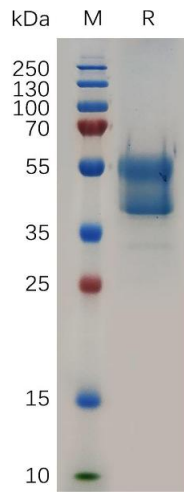
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human CD235A Protein, hFc Tag on SDS-PAGE under reducing condition.