Datasheet for ABIN5709633

CD235a/GYPA Protein (AA 20-91, Extracellular) (GST tag)

1 Image

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Overview

Quantity:	100 µg
Target:	CD235a/GYPA (GYPA)
Protein Characteristics:	Extracellular, AA 20-91
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD235a/GYPA protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LSTTEVAMHT STSSSVTKSY ISSQTNDTHK RDTYAATPRA HEVSEISVRT VYPPEEETGE RVQLAHHFSE PE
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	CD235a/GYPA (GYPA)
Alternative Name:	GLPA (GYPA Products)
Background:	Glycophorin A is the major intrinsic mbrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte mbrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity

Target Details

	of SLC4A1. May be involved in translocation of SLC4A1 to the plasma mbrane. 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).
Molecular Weight:	35.4 kDa
UniProt:	P02724
Pathways:	Maintenance of Protein Location

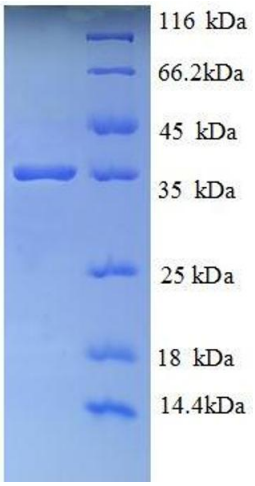
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.