

Datasheet for ABIN5854899
CD235a/GYPA Protein (AA 20-91) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD235a/GYPA (GYPA)
Protein Characteristics:	AA 20-91
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD235a/GYPA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPLSTTEVA MHTSTSSSVT KSYISSQTND THKRDTYAAT PRAHEVSEIS VRTVYPPEEE TGERVQLAHH FSEPEHHHHH H
Purity:	> 85 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD235a/GYPA (GYPA)
Alternative Name:	GYPA (GYPA Products)
Background:	GYPA, also known as glycophorin-A isoform 1, is the major transmembrane sialoglycoprotein of red blood cells. It has been shown to contribute to the expression of the MN and Wright blood group antigens, to act as a receptor for the malaria parasite Plasmodium falciparum and

Target Details

Sendai virus, and along with the anion transporter, band 3, may contribute to the mechanical properties of the red blood cell membrane. Its expression is locally increased in carotid atherosclerotic lesions of symptomatic compared to asymptomatic patients. Recombinant human GYPA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 9.1kDa (81aa) 18-28kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_002090](#)

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

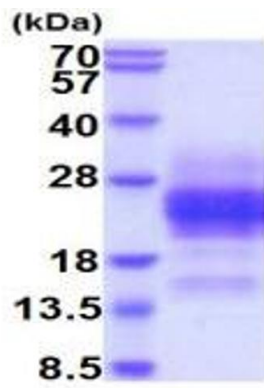
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.