

Product Information

MemDX™ Membrane Protein Human GYPA (Glycophorin A (MNS blood group)) Expressed in *E.coli* with GST tag at the N-terminus for Antibody Discovery, Partial (20-91aa)

Cat. No.: **MPX4247K**

This product is for research use only and is not intended for diagnostic use.

This product is a 34.9kDa Human GYPA membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

GYPA

Protein Length

Partial (20-91aa)

Protein Class

Receptor

Molecular Weight

34.9kDa

TMD

1

Sequence

LSTTEVAMHTSTSSSVTKSYISSQTNDTHKRDTYAATPRAHEVSEISVRTVYPPEEETGERVQLAHHFSEPE

Product Description

Expression Systems

E.coli

Tag

GST tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

GYPA

Full Name

Glycophorin A (MNS blood group)

Introduction

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-U- and Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB.

Alternative Names

GYPA; MN; GPA; MNS; GPSAT; PAS-2; CD235a; GP_Erik; HGpMiV; HGpMiXI; HGpSta(C); glycophorin-A; MN sialoglycoprotein; Mi.V glycoprotein (24 AA); erythroid-lineage-specific membrane; sialoglycoprotein; glycophorin A (MN blood group); glycophorin A, GPA; glycophorin Erik; glycophorin MiI; glycophorin MiV; glycophorin SAT; glycophorin Sta type C; recombinant glycophorin A-B Miltenberger-DR; sialoglycoprotein alpha; Glycophorin A (MNS blood group)

Gene ID

[2993](#)

UniProt ID

[A0A0C4DFT7](#)