

Product Information

MemDX™ Membrane Protein Human RHAG (Rh associated glycoprotein) Full Length

Cat. No.: **MPC1033K**

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

This product is a 44.1 kDa Human RHAG membrane protein expressed in HEK293. 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

RHAG

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

44.1 kDa

TMD

12

Sequence

MRFTFPLMAIVLEIAMIVLFGLFVEYETDQTVLEQLNITKPTDMGIFEL
YPLFQDVHVMIFVGFGFLMTFLKKYGFSSVGINLLVAALGLQWGTIVQGI
LQSQQQKFNIGIKNMINADFSAAATVLISFGAVLGKTSPTQMLIMTILEIV
FFAHNEYLVSEIFKASDIGASMTIHAFGAYFGLAVAGILYRSGLRKGFHEN
EESAYYSDLFAMIGTLFLWMFWPSFNSAIAEPGDKQCRAIVNTYFSLAAC
VLTAFAFSSSLVEHRGKLNMMVHIQNATLAGGVAVGTCADMAIHPFGSMIIG
SIAGMVSVLGYKFLTPLFTTKLRIHDTGCVHNLHGLPGVVGGLAGIVAVA
MGASNTSMAMQAAALGSSIGTAVVGGLMTGLILKLPLWGQPSDQNCYDDS
VYWKVPKTR

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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**

RHAG

Full Name

Rh associated glycoprotein

Introduction

The protein encoded by this gene is erythrocyte-specific and is thought to be part of a membrane channel that transports ammonium and carbon dioxide across the blood cell membrane. The encoded protein appears to interact with Rh blood group antigens and Rh30 polypeptides. Defects in this gene are a cause of regulator type Rh-null hemolytic anemia (RHN), or Rh-deficiency syndrome.

Alternative Names

RHAG; OHS; RH2; OHST; RHNR; Rh50; CD241; RH50A; Rh50GP; SLC42A1; ammonium transporter Rh type A; Rh 50 glycoprotein; Rhesus associated polypeptide, 50-KD; Rhesus blood group-associated glycoprotein; erythrocyte membrane glycoprotein Rh50; erythrocyte plasma membrane 50 kDa glycoprotein; mutant Rh associated glycoprotein; rh family type A glycoprotein; rh type A glycoprotein; rhesus blood group family type A glycoprotein; rhesus blood group-associated ammonia channel; truncated Rh-associated glycoprotein; truncated RhAG glycoprotein; Rh associated glycoprotein

Gene ID

[6005](#)

UniProt ID

[Q02094](#)