

Product Information

MemDX™ Membrane Protein Human RHBG (Rh family B glycoprotein) Full Length

Cat. No.: **MPC1017K**

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

This product is a 47.2 kDa Human RHBG 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

RHBG

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

47.2 kDa

TMD

12

Sequence

MAGSPSRAAGRRLQLPLLCLFLQGATAVLFAVFVRYNHKTDAALWHRSNH
SNADNEFYFRYPSFQDVHAMVFGFGLMVFLQRYGFSSVGFTFLAFA
LQWSTLVQGFLHSFHGGHIHVGVESMINADFCAGAVLISFGAVLGKTGPT
QLLLMALLEVVLFGINEFVLLHLLGVRDAGGSMTIHTFGAYFGLVLSRVL
YRPQLEKSKHRQGSVYHSDLFAMIGTIFLWIFWPSFNAALTALGAGQHRT
ALNTYYSLAASTLGTFALSALVGEDGRLDMVHIQNAALAGGVVVGTSSEM
MLTPFGALAAGFLAGTVSTLGYKFFTPILESFKFKVQDTCGVHNLHGMPGV
LGALLGVLVAGLATHEAYGDGLESVFPLIAEGQRSATSQAMHQLFGLFVT
LMFASVGGGLGGLLLKLPFLDSPPRLPALRGPSSLAGAWRA

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**

RHBG

Full Name

Rh family B glycoprotein

Introduction

This gene encodes one of two non-erythroid members of the Rhesus (Rh) protein family. Non-erythroid Rh protein family members are mainly expressed in the kidney and belong to the methylammonium-ammonium permease/ammonia transporters superfamily. All Rh family proteins are predicted to be transmembrane proteins with 12 membrane spanning domains and intracytoplasmic N- and C-termini. Alternative splicing of this gene results in multiple transcript variants.

Alternative Names

RHBG; SLC42A2; ammonium transporter Rh type B; Rhesus blood group, B glycoprotein; Rh family B glycoprotein

Gene ID

[57127](#)

UniProt ID

[Q9H310](#)