

Human PROM1 Full-Length Bioactive Membrane Protein

HDFP027



Product Information

Product SKU:

HDFP027

Size:

10µg

Molecular Weight:

The human full length PROM1 protein has a MW of 97.2 kDa

Expression System:

HEK293

Uniprot:

O43490

Target:

PROM1

Antibody Information

Background:

A pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene.

Description:

Human PROM1 full length protein-synthetic nanodisc

Protein Family:

Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Synonyms:

AC133; CD133; CORD12; MCDR2; MSTP061; PROML1; RP41; STGD4

Storage:

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Usage:

Research use only

Form:

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | Web: www.assaygenie.com

Copyright © 2020 Reagent Genie, All Rights Reserved. All information / detail is correct at time of going to print.