

Product Information

MemDX™ Membrane Protein Human PROM2 (Prominin 2)

Cat. No.: **MP0225J**

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

This product is a 91.7 kDa Human PROM2 membrane protein expressed in HEK293T. 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

PROM2

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

91.7 kDa

TMD

5

Sequence

MKHTLALLAPLLGLGLGLALSQLAAGATDCKFLGPAEHLTFTPAARARWLAPRVRAPGLLDSLYGTVRRF
LSVVQLNPFPSSELVKALLNELASVKVNEVVRYEAGYVVCVAVIAGLYLLLVPVPTAGLCFCCCRCHRRCGGRV
KTEHKALACERAALMVFLLLTLLLLIGVVCAFTVNQRTHEQMGPSEIAMPETLLSLWGLVSDVPQELQA
VAQQFSLPQEQVSEELDGVGVSGISAIHTQLRSSVYPLLAAVGSLGQVLQVSVHHLQTLNATVVELQAGQ
QDLEPAIREHRDRLELLQEARCQGDCAGALSWARTLELGADFSQVPSVDHVLHQLKGVPEANFSSMVQE
ENSTFNALPALAAMQTSSVVQELKKAVAQQPEGVRTLAEGFPGLEAASRWAQALQEVEESSRYPYLQEVQR
YETRWIVGCVLCSVVLFFVLCNLLGLNLGIWGLSARDDPSHPPEAKGEAGARFLMAGVGLSFLFAAPLIL
LVFATFLVGGNVQTLVCRSWENGELFEFADTPGNLPPSMNLSQLLGLRKNISIHQAYQQCKEGAALWTVL
QLNDSYDLEEHLDINQYTNKLRQELQSLKVDTSQSLDLLSSAARRDLEALQSSGLQRIHYPDFLVQIQRPV
VKTSMEQLAQELQGLAQADNSVLGQRLQEEAQGLRNLHQEKVVPQQSLVAKLNLSVRALESSAPNLQLE
TSDVLANVTYLYKGLPAWAARILRNVSCEFLAREMGYFSQYVAWVREEVTQRIATCQPLSGALDNSRVIL
CDMMADPWNAFWFCLAWCTFFLIPSIIFAVKTSKYFRPIRKRLSSSTSSEETQLFHIPRVTSKL

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

PROM2

Full Name

Prominin 2

Introduction

This gene encodes a member of the prominin family of pentaspan membrane glycoproteins. The encoded protein localizes to basal epithelial cells and may be involved in the organization of plasma membrane microdomains. Alternative splicing results in multiple transcript variants.

Alternative Names

PROML2; prominin-like protein 2; prominin-related protein

Gene ID

[150696](#)

UniProt ID

[Q8N271](#)