

Product Information

MemDX™ Membrane Protein Human PEAR1 (Platelet endothelial aggregation receptor 1)

Full Length

Cat. No.: **MPC3757K**

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

This product is a made-to-order Human PEAR1 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

PEAR1

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MSPPLCPLLLAVGLRLAGTLNPSDPNTCSFWESFTTTTKESHSRPFSL
PSEPCERPWEHPHTCPQPTVVYRTVYRQVVKTDHRQLQCCHGFYESRGF
CVPLCAQECVHGRCVAPNQCQCVPGWGDDCSSECAPGMWGPQCDKPCSC
GNNSSCDPKSGVCSCPSGLQPPNCLQPCTPGYYGPACQFRCQCHGAPCDP
QTGACFCPAERTGPSCDVSCSQGTSGFFCPSTHSCQNGGVFQTPQGSCSC
PPGWMGTICSLPCEGFHGPNCSEQECRCHNGGLCDRFTGQCRCAPGYTGD
RCREECPVGRFGQDCAETCDCAPDARCFPANGACLCEHGFTGDRCTDRLC
PDGFYGLSCQAPCTCDREHLSCHPMNGECSCLPGWAGLHCNESCQDTH
GPGCQEHCLCLHGGVCQATSGLCQCAPGYTGPHCASLCPPDTYGVNCSAR
CSCENAIACSPIDGECVCKEGWQRGNCVPCPPGTWGFSCNASCQCAHEA
VCSPQTGACTCTPGWHGAHCQLPCPKGQFGEGCASRCDCHSDGCDPVHG
RCQCQAGWMGARCHLSCPEGLWGVNCSNTCTCKNGGTCLPENGNCVCAPG
FRGPSCQRSCQPGRYGKRCVPCKCANHSFCHPSNGTCYCLAGWTGPDCSQ
PCPPGHWGENCAQTCQCHGGTCHPQDGSCICPLGWTGHHCLEGCPLGTF
GANCSQPCQCGPGEKCHPETGACVCPPGHSGAPCRIGIQEPFTVMPTTPV
AYNSLGAVIGIAVLGSLVVALVALFIGYRHWQKGKEHHHLAVAYSSGRLD
GSEYVMPDVPPSYSHYYSNPSYHTLSQCSPNPPPPNKVPGPLFASLQNPE
RPGGAQGHNDHTTLPADWKHRREPPPGPLDRGSSRLDRSYSYSYNGPGP
FYNKGLISEEELGASVASLSENPHYATIRDLPSLPGGPRESSYMEMKGPP
SGSPPRQPPQFWD SQRRRQPPQQRDSGTYEQPSPLIHDRDSVGSQPPLPP
GLPPGHYDSPKNSHIPGHYDLPPVRHPPSPPLRRQDR

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

PEAR1

Full Name

Platelet endothelial aggregation receptor 1

Introduction

PEAR1 is a platelet receptor that signals upon the formation of platelet-platelet contacts independent of platelet activation and secondary to platelet aggregation.

Alternative Names

PEAR1; JEDI; MEGF12; multiple EGF-like domains protein 12; multiple EGF-like-domains 12; multiple epidermal growth factor-like domains protein 12; Platelet endothelial aggregation receptor 1

Gene ID

[375033](#)

UniProt ID

[Q5VY43](#)