

Product Information

MemDX™ Membrane Protein Human PLA2R1 (Phospholipase A2 receptor 1) expressed in CHO cells for Antibody Discovery

Cat. No.: **MP1273J**

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

This product is a 77.5 kDa Human PLA2R1 membrane protein expressed in CHO. 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

PLA2R1

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

77.5 kDa

TMD

1

Sequence

MLLSPSLLLLLLLGAPRGCAEGVAAALTPERLLEWQDKGIFVIQSESLKKCIQAGKSVLTLENCKQANKH
MLWKWVSNHGLFNIGGSGCLGLNFSAPQPLSLYECDSLVSRLWRCNRKMITGPLQYSVQVAHDNTVVA
SRKYIHKWISYGSGGGDICEYLHKDLHTIKGNTHGMPCMFPFQYNHQWHHECTREGREDDLLWCATTTRY
ERDEKWGFCDPTSAEVGCDTIWEKDLNSHICYQFNLLSSLSWSEAHSSCQMGGTLLSITDETEENFIR
EHMSSKTVEVWMGLNQLDEHAGWQWSDGTPNLNLSWSEVNFEPFVEDHCGTFSSFMPSAWRSRDCSTL
PYICKKYLNHIDHEIVEKDAWKYYATHCEPGWNPYNRNCYKLQKEEKTWHEALRSCQADNSALIDITSLA
EVEFLVTLLGDENASETWIGLSSNKIPVSFEWSNDSSVIFTNWHLEPHIFPNRSQLCVSAEQSEGHWKV
KNCEERLFYICKKAGHVLSDAESGCQEGWERHGGFCYKIDTVLRSFDQASSGYCPCPALVTITNRFEQAF
ITSLISSVVKMKDSYFWIALQDQNDTGEYTWKPVGQKPEPVQYTHWNTHQPRYSGGCVAMRGRHPLGRWE
VKHCRHFKAMSLCKQPVENQEKAIEYEERWPFHPCYLDWESEPLASCFKVFHSEKVLNKRWTWREAEAFCE
EFGAHLASFHIEEENFVNELLHSKFNWTEERQFWIGFNKRNLNAGSWEWSDRTPVVSFLDNTYFGED
ARNCAVYKANKTLLPLHCGSKREWICKIPRDVKPKIPFWYQYDVPWLFYQDAEYLFHTFASEWLNFEFVC
SWLHSDLLTIHSAHEQEFIHSHKIKALSKYGASWWIGLQEERANDEFWRDGTPIVYQNWDTGRERTVNNQ
SQRCGFISSITGLWGSEECVSMPSICKRKVWVLEKKKDTPKQHGTCPKGWLYFNYKCLLLNIPKDPSS
WKNWTHAQHFCAEEGGTLVAIESEVEQAFITMNLFGQTTSVWIGLQNDYETWLNKGPVVYSNWSFPDII
NIPSHNTTEVQKHIPLCALLSSNPNFHFTGKWFYFEDCGKEGYGFVCEKMQDTSGHGVNTSDMYPMPNTLE
YGNRTYKIINANMTWYAAIKTCLMHKAQLVSITDQYHQSFLLTVVLNRLGYAHWIGLFTTDNGLNFDWSDG
TKSSFTFWKDEESSLLGDCVFADSNRWHSTACESFLQGAICHVPPETRQSEHPELCSETSIPWIKFKSN
CYSFSTVLDSMSFEAAHEFCKKEGSNLLTIKDEAENAFLEELFAFGSSVQMWWLNAQFDGNNETIKWFD

GTPTDQSNWGIKRPDTDYFKPHHCVALRIPEGLWQLSPCQEKKGFICKMEADIHTAEALPEKGPSHSIIP
LAVVLTIVIVAICTLSFCIYKHNGGFFRRLAGFRNPYYPATNFSVYLEENILISDLEKSDQ

Product Description

Expression Systems

CHO

Tag

C-DDK

Form

Liquid

Purity

> 95% as determined by SDS-PAGE and Coomassie blue staining

Buffer

PBS, pH7.4, 10% glycerol

Storage

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

Target

Target Protein

PLA2R1

Full Name

Phospholipase A2 receptor 1

Introduction

This gene represents a phospholipase A2 receptor. The encoded protein likely exists as both a transmembrane form and a soluble form. The transmembrane receptor may play a role in clearance of phospholipase A2, thereby inhibiting its action. Polymorphisms at this locus have been associated with susceptibility to idiopathic membranous nephropathy. Alternatively spliced transcript variants encoding different isoforms have been identified.

Alternative Names

CLEC13C; PLA2-R; PLA2G1R; PLA2IR; PLA2R; 180 kDa secretory phospholipase A2 receptor; C-type lectin domain family 13 member C; M-type receptor; phospholipase A2 receptor 1, 180kD; phospholipase A2 receptor 1, 180kDa

Gene ID

[22925](#)

UniProt ID

[Q13018](#)