

Recombinant Human PLA2R1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PLA2R1-5581H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PLA2R1 MS Standard C13 and N15-labeled recombinant protein (NP_001007268) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	152.81 kDa
AA Sequence	MLLSPSLLLLLLLLGAPRGCAEGVAAALTPERLLEWQDKGIFVIQSESLKKCIQAGKSV LTLENCKQANKHMLWKWVSNHGLFNIGGSGCLGLNFSAPEQPLSLYECDSTLVSLR WRCNRKMITGPLQYSVQVAHDNTVVASRKYIHKWISYGSGGGDICEYLHKDLHTIKG NTHGMPCMFPPQYNHQWHHECTREGREDDLLWCATTSRYERDEKWGFCPDPTS AEVGCDTIWEKDLNSHICYQFNLLSSLWSSEAHSSCQMGGTLLSITDETEENFIRE HMSSKTVEVWMGLNQLDEHAGWQWSDGTPNLNWSPEVNFEPFVEDHCGTFSS FMPSAWRSRDCESTLPYICKKYLNHIDHEIVEKDAWKYYATHCEPGWNPYNRNCYK

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LQKEEKTWHEALRSCQADNSALIDITSLAEVEFLVTLLGDENASETWIGLSSNKIPVS
FEWSNDSSVIFTNWHTLEPHIFPNRSQLCVSAEQSEGHWKVKNCERLFYICKKAG
HVLSDAESGCQEGWERHGGFCYKIDTVLRSFDQASSGYCPPALVTITNRFEQAFIT
SLISSVVKMKDSYFWIALQDQNDTGEYTWKPVGQKPEPVQYTHWNTHQPRYSGGC
VAMRGRHPLGRWEVKHCRHFKAMSLCKQPVENQEKA EYEERWPFHPCYLDWESE
PGLASCFKV FHSEKVL MKRTWREAEAFCEEFGAHLASF AHEEENFVNELLH SKFN
WTEERQFWIGFNKRNPLNAGSWEWSDRTPVVSSFLDNTYFGEDARNCAVYKANKT
LLPLHCGSKREWICKIPRDV KPKIPFWYQYDVPWLFYQDAEYLFHTF ASEWLNFEFV
CSWLHSDLLTIHSAHEQEFIH SKIKALSKYGASWWIGLQEERANDEFWRDGTPIY
QNWD TGRERTVNNQSQR CGFISSITGLWGSEEC SVSMPSICKRKKVWLIEKKKDTP
KQHGTCPKGWLYFNYKCLLLNIPKDPSSWKNWTHAQHFCAEEGGTLVAIESEVEQA
FITMNLFGQTTSVWIGLQND DYTWLNGKPVVYSNWSPFDIINIPSHNTTEVQKHIPL
CALLSSNP NFHTGK WYFEDCGKEGYGFVCEKMQDTS GHGVNTSDMYMPMNTLE
YGNRTYKIINANMTWYAAIKTCLMHKAQLVSITDQYHQSF LTVVLNRLGYAHWIGLFT
TDNGLNFDWSDG TKSSFTFWKDEESSLLGDCVFADSN GRWHSTACESFLQGAICH
VPPETRQSEHPELCSET SIPWIKFKSN CYSFSTVLDSMSFEAAHEFCKKEGSNLLTIK
DEAENAFLL EELFAFGSSVQMVWLNAQFDGNSKTRTRPLEQKLISEEDLAANDILDY
KDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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GENE INFORMATION

Gene Name PLA2R1 phospholipase A2 receptor 1 [Homo sapiens (human)]

Official Symbol PLA2R1

Synonyms PLA2R; PLA2-R; PLA2IR; CLEC13C; PLA2G1R

Gene ID 22925

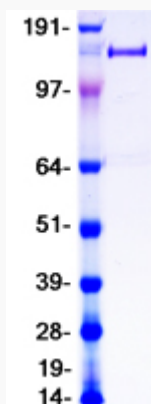
mRNA Refseq NM_001007267

Protein Refseq NP_001007268

MIM 604939

UniProt ID Q13018

SDS-PAGE



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