

Active Recombinant Human PLA2R1 Protein, His-tagged

Cat. No. PLA2R1-1038H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLA2R1 protein (21-515) was expressed in HEK 293 cells with C-terminal His tag.
Species	Human
Source	HEK293
ProteinLength	21-515 a.a.
Form	PBS, 10% Glycerol.
Bio-activity	This protein has been used in quantitative ELISA to precipitate anti-PLA2R antibodies in patients with idiopathic membranous nephropathy (PLA2R positive).
Molecular Mass	58.5 kDa
AA Sequence	AEGVAAALTPERLLEWQDKGIFVIQSESLKKCIQAGKSVLTLENCKQANKHMLWKW VSNHGLFNIGGSGCLGLNFSAPEQPLSLYECDSTLVSLRWRCNRKMITGPLQYSVQ VAHDNTVVASRKYIHKWISYSGGGDICEYLHKDLHTIKGNTHGMPCMFPPQYNHQ WHHECTREGREDDLLWCATTSRYERDEKWGFCPDPTSAEVGCDTIWEKDLNSHIC YQFNLLSSLWSSEAHSSCQMGGTLLSITDETEENFIREHMSSKTVEVWMGLNQLD EHAGWQWSDGTPLNYLNWSPEVNFEPFVEDHCGTFSSFMPSAWRSRDCESTLPYI CKKYLNHIDHEIVEKDAWKYYATHCEPGWNPYNRNCYKLQKEEKTWHEALRSCQA DNSALIDITSLAEVEFLVTLLGDENASETWIGLSSNKIPVSFEWSNDSSVIFTNWHLE PHIFPNRSQLCVSAEQSEGHWKVKNCEERLFYICKKAGHVLSDAESGCGSGHHH

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Endotoxin	Less than 0.1 ng/g (1 IEU/g), as measured by LAL method.
Purity	>95% as estimated by SDS-PAGE stained with Instant Blue Stain (Expedeon).
Storage	The protein should be stored at -20 centigrade to -70 centigrade preferably in small aliquots to avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	PLA2R1 phospholipase A2 receptor 1, 180kDa [Homo sapiens]
Official Symbol	PLA2R1
Synonyms	PLA2R; PLA2-R; PLA2IR; CLEC13C; PLA2G1R
Gene ID	22925
mRNA Refseq	NM_007366.4
Protein Refseq	NP_031392.3
MIM	604939
UniProt ID	Q13018

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