

Recombinant Human PLB1 Protein, His-tagged

Cat. No. PLB1-171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLB1(Met1036~Leu1458) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1036~Leu1458
Description	This gene encodes a membrane-associated phospholipase that displays lysophospholipase and phospholipase A2 activities through removal of sn-1 and sn-2 fatty acids of glycerophospholipids. In addition, it displays lipase and retinyl ester hydrolase activities. The encoded protein is highly conserved and is composed of a large, glycosylated extracellular domain composed of four tandem homologous domains, followed by a hydrophobic segment that anchors the enzyme to the membrane and a short C-terminal cytoplasmic tail. This gene has been identified as a candidate rheumatoid arthritis risk gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	51.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	PLB1 phospholipase B1 [Homo sapiens]
Official Symbol	PLB1
Synonyms	PLB1; phospholipase B1; phospholipase B1, membrane-associated; FLJ30866; PLB; phospholipase B; phospholipase A2; lysophospholipase; phospholipase B/lipase; hPLB; PLB/LIP;
Gene ID	151056
mRNA Refseq	NM_001170585
Protein Refseq	NP_001164056
MIM	610179

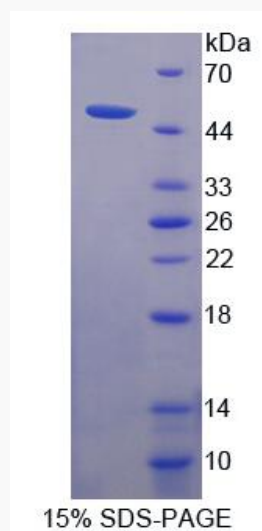
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UniProt ID

Q6P1J6

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