Recombinant Mouse Pla2g15 Protein, His-tagged

Cat. No. Pla2g15-1945M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pla2g15 Protein (Ile220-Pro412) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ile220-Pro412
Description	Enables acylglycerol O-acyltransferase activity; calcium-independent phospholipase A2 activity; and phospholipase A1 activity. Involved in diacylglycerol biosynthetic process; phosphatidylcholine catabolic process; and phosphatidylethanolamine catabolic process. Acts upstream of or within ceramide metabolic process. Located in extracellular space and lysosome. Is expressed in several structures, including adrenal gland; central nervous system; genitourinary system; respiratory system; and sensory organ. Orthologous to human PLA2G15 (phospholipase A2 group XV).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.6 kDa Accurate Molecular Mass: 25 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Pla2g15 phospholipase A2, group XV [Mus musculus (house mouse)]
Official Symbol	Pla2g15
Synonyms	Pla2g15; phospholipase A2, group XV; ACS; LLPL; Lpla2; C87498; Lypla3; phospholipase A2 group XV; 1-O-acylceramide synthase; LCAT-like lysophospholipase; group XV phospholipase A2; lysophospholipase 3; lysosomal phospholipase A and acyltransferase; lysosomal phospholipase A2; EC 3.1.1.32; EC 3.1.1.4
Gene ID	192654
mRNA Refseq	NM_133792
Protein Refseq	NP_598553
UniProt ID	Q8VEB4

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