

Recombinant Human LIPI Protein, His-tagged

Cat. No. LIPI-2396H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIPI Protein (Met1-Phe334) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Phe334
Description	The protein encoded by this gene is a phospholipase that hydrolyzes phosphatidic acid to produce lysophosphatidic acid. Defects in this gene are a cause of susceptibility to familial hypertriglyceridemia. This gene is also expressed at high levels in Ewing family tumor cells. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.9 kDa Accurate Molecular Mass: 40 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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	LIPI lipase, member I [Homo sapiens (human)]
Official Symbol	LIPI
Synonyms	LIPI; lipase, member I; lipase member I; cancer/testis antigen 17; CT17; LPDL; membrane associated phospholipase A1 beta; PRED5; LPD lipase; mPA-PLA1 beta; membrane-associated phospholipase A1 beta fl; membrane-associated phospholipase A1 beta 7B+; membrane-associated phospholipase A1 beta deltaE5; membrane-associated phospholipase A1 beta deltaE2-3; membrane-associated phospholipase A1 beta deltaE6.1; membrane-associated phospholipase A1 beta deltaE7.2; membrane-associated phospholipase A1 beta deltaE8-9; membrane-associated phosphatidic acid-selective phospholipase A1-beta;
Gene ID	149998
mRNA Refseq	NM_198996

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Protein Refseq NP_945347

MIM 609252

UniProt ID Q6XZB0

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