

Product datasheet for PH325684

LIPM (NM_001128215) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LIPM MS Standard C13 and N15-labeled recombinant protein (NP_001121687)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225684
Predicted MW:	48.1 kDa
Protein Sequence:	>RC225684 representing NM_001128215 Red=Cloning site Green=Tags(s)

MLETLSRQWIVSHRMEMWLLILVAYMFQRNVNSVHMPTKAVDPEAFMNISEIIQHQGYPCEEYEVATEDG
YILSVNRI PRGLVQPKKTGSRPVLLQHGLVGGASNWISNLPNNSLGFILADAGFDVWMGNSRGNWSRK
HKTLSIDQDEFWAFSYDEMARFDLPAVINFILQKTGQEKIYYVGYSGTMMGFIAFSTMPELAQKIKMYF
ALAPIATVKHAKSPGTFLLLPDMMIKGLFGKKEFLYQTRFLRQLVIYLCGQVILDQICSNIMLLGGFN
TNNMMSRASVYAAHTLAGTSVQNILHWSQAVNSGELRAFDWGSSETKNLEKCNQPTPVRYRVRDMTVPTA
MWTGGQDWLSNPEDVKMLLSEVTNLIYHKNIPEWAHVDFIWGLDAPHRMYNEIIHLMQEEETNLSQGRCE
AVL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001121687</u>
RefSeq ORF:	1269
Synonyms:	bA304I5.1; LIPL3
Locus ID:	340654



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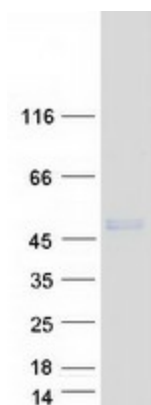
UniProt ID: [Q5VYY2](#)

Cytogenetics: 10q23.31

Summary: Plays a highly specific role in the last step of keratinocyte differentiation. May have an essential function in lipid metabolism of the most differentiated epidermal layers.
[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified LIPM protein (Cat# [TP325684]). The protein was produced from HEK293T cells transfected with LIPM cDNA clone (Cat# [RC225684]) using MegaTran 2.0 (Cat# [TT210002]).