

## Product datasheet for PH309501

### PLBD1 (NM\_024829) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PLBD1 MS Standard C13 and N15-labeled recombinant protein (NP_079105)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209501
Predicted MW:	63.1 kDa
Protein Sequence:	>RC209501 protein sequence Red=Cloning site Green=Tags(s)

MTRGGPGGRPGLPQPPPLLLLLLLLPLLLVTAEPKPKAGVYYATAYWMPAEKTVQVKNVMDKNGDAYGFYN  
NSVKTGWIILEIRAGYGSQTLSEIIMFVAGFLEGYLTAPHMNDHYTNLYPQLITKPSIMDKVQDFMEK  
QDKWTRKNIKEYKTDSFWRHTGYVMAQIDGLYVGAKKRAILEGTPMTLFIQFLNSVGDLLDLIPSLSP  
TKNGSLKVFWRWDMGHCSALIKVLPGFENILFAHSSWYTYAAMLRIYKHWFNIIIDKDTSSSRLSFSSYP  
GFLESLDDFYILSSGLILLQTTNSVFNKTLKQVIPETLLSWQRVVRVANMMADSGKRWADIFSKYNSGT  
NNQYMLDLKKVKNHSLDKGTL YIVEQIPTVEYSEQTDVLRKGYWPSYNNVPFHEKIYNWSGYPLLVQK  
LGLDYSYDLAPRAKIFRRDQGVTDTASMKYIMRYNNYKDPYSRGPDCNTICCREDLNSPNPSPGGCYD  
TKVADIYLASQYTSYAIISGPTVQGGPLVFRWDRFNKTLHQMAEVYVNFDFITMKPILKLDIK

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_079105</a>
RefSeq Size:	1951
RefSeq ORF:	1941

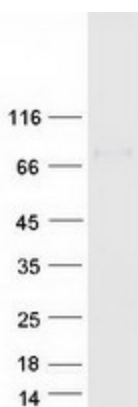


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Locus ID: 79887  
UniProt ID: [Q6P4A8](#)  
Cytogenetics: 12p13.1

**Summary:** In view of the small size of the putative binding pocket, it has been proposed that it may act as an amidase or a peptidase (By similarity). Exhibits a weak phospholipase activity, acting on various phospholipids, including phosphatidylcholine, phosphatidylinositol, phosphatidylethanolamine and lysophospholipids.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PLBD1 protein (Cat# [TP309501]). The protein was produced from HEK293T cells transfected with PLBD1 cDNA clone (Cat# [RC209501]) using MegaTran 2.0 (Cat# [TT210002]).