

Recombinant Human PLBD2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PLBD2-084H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PLBD2 MS Standard C13 and N15-labeled recombinant protein (NP_775813) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PLBD2 (Phospholipase B Domain Containing 2) is a Protein Coding gene. Diseases associated with PLBD2 include Gallbladder Papillomatosis and Gm1-Gangliosidosis, Type Iii. Gene Ontology (GO) annotations related to this gene include hydrolase activity. An important paralog of this gene is PLBD1.
Molecular Mass	65.5 kDa
AA Sequence	MVGQMYCYPGSHLARALTRALALVLALLVGPFLSGLAGAIPAPGGRWARDGQVP PASRSRSVLLDVSAGQLLMVDGRHPDAVAWANLTNAIRETGWAFLELGTSGQYND SLQAYAAGVVAAVSEELIYMHWMNTVVNYCGPFEEYEVGYCERLKSFLEANLEWM QEEMESNPDSPLYWHQVRLTLLQLKGLEDSEYGRVSFPAGKFTIKPLGFLLLQLSGDL EDLELALNKTIKPSLGSGSCSALIKLLPGQSDLLVAHNTWNNYQHMLRVIKKYWLQ FREGPWGDYPLVPGNKLVFSSYPGTIFSCDDFYILGSGLVTLETTIGNKNPALWKYV RPRGCVLEWVRNIVANRLASDGATWADIFKRFSNGTYNNQWMIVDYKAFIPGGPSP GSRVLTILEQIPGMVVADKTSLEYQKTYWASYNIPSFETVFNASGLQALVAQYGDW FSYDGSPPRAQIFRRNQSLVQDMDSMVRLMRYNDFLHDPLSLCKACNPQPNGENAI

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ARSDLNPANGSYPFKALRQRSHGGIDVKVTSMSLARILSLAASGPTWDQVPPFQW
STSPFSGLLHMGQPDWLKWFAPVKVSWDTRTRPLEQKLISEEDLAANDILDYKDDDD
KV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [PLBD2 phospholipase B domain containing 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [PLBD2](#)

Synonyms PLBD2; phospholipase B domain containing 2; P76; putative phospholipase B-like 2; 76 kDa protein; LAMA-like protein 2; PLB homolog 2; lamina ancestor homolog 2; mannose-6-phosphate protein associated protein p76; phospholipase B domain-containing protein 2; phospholipase B-like 2 32 kDa form; phospholipase B-like 2 45 kDa form; EC 3.1.1.-

Gene ID [196463](#)

mRNA Refseq [NM_173542](#)

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Protein Refseq	NP_775813
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UniProt ID	Q8NHP8
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