

PLBD2 Protein, Mouse (His)

Cat. No.:	HY-P71553
Synonyms:	Plbd2; Putative phospholipase B-like 2; EC 3.1.1.-; 66.3kDa protein; 76kDa protein; p76; LAMA-like protein 2; Lamina ancestor homolog 2
Species:	Mouse
Source:	E. coli
Accession:	Q3TCN2 (47L-594D)
Gene ID:	71772
Molecular Weight:	Approximately 65.9 kDa

PROPERTIES

AA Sequence

L P T L G P G W Q R	Q N P D P P V S R T	R S L L L D A A S G	Q L R L E D G F H P
D A V A W A N L T N	A I R E T G W A Y L	D L S T N G R Y N D	S L Q A Y A A G V V
E A S V S E E L I Y	M H W M N T V V N Y	C G P F E Y E V G Y	C E K L K N F L E A
N L E W M Q R E M E	L N P D S P Y W H Q	V R L T L L Q L K G	L E D S Y E G R L T
F P T G R F T I K P	L G F L L L Q I S G	D L E D L E P A L N	K T N T K P S L G S
G S C S A L I K L L	P G G H D L L V A H	N T W N S Y Q N M L	R I I K K Y R L Q F
R E G P Q E E Y P L	V A G N N L V F S S	Y P G T I F S G D D	F Y I L G S G L V T
L E T T I G N K N P	A L W K Y V Q P Q G	C V L E W I R N V V	A N R L A L D G A T
W A D V F K R F N S	G T Y N N Q W M I V	D Y K A F L P N G P	S P G S R V L T I L
E Q I P G M V V V A	D K T A E L Y K T T	Y W A S Y N I P Y F	E T V F N A S G L Q
A L V A Q Y G D W F	S Y T K N P R A K I	F Q R D Q S L V E D	M D A M V R L M R Y
N D F L H D P L S L	C E A C N P K P N A	E N A I S A R S D L	N P A N G S Y P F Q
A L H Q R A H G G I	D V K V T S F T L A	K Y M S M L A A S G	P T W D Q C P P F Q
W S K S P F H S M L	H M G Q P D L W M F	S P I R V P W D	

Biological Activity The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.

Appearance Lyophilized powder.

Formulation Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.

Endotoxin Level <1 EU/μg, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH₂O.

Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

PLBD2 protein, identified as a putative phospholipase, exhibits interactions with insulin-like growth factor 2 receptor (IGF2R). The precise nature of its phospholipase activity and its potential implications in cellular processes remain areas of interest, as the protein's interaction with IGF2R suggests a role in pathways associated with growth and signaling. Further exploration of PLBD2's functional characteristics may provide insights into its contribution to cellular homeostasis and regulatory mechanisms.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA