Inactive Phospholipase C-Like Protein 2 (PLCL2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Inactive phospholipase C-like protein 2 (Plcl2), Recombinant Protein
Full Product Name	Recombinant Mouse Inactive phospholipase C-like protein 2 (Plcl2) , partial
Product Gene Name	Plcl2 recombinant protein
Product Synonym Gene Name	Plcl2
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	125,772 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8K394
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Plcl2 recombinant protein	MBS1398710 is a recombinant protein targeting Plcl2. Also known as Recombinant Mouse Inactive phospholipase C-like protein 2 (Plcl2) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Plcl2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Plcl2. It may not necessarily be applicable to this product.

NCBI GI #	226342967
NCBI GeneID	224860
NCBI Accession #	NP_038908.2
UniProt Primary Accession #	Q8K394
UniProt Secondary Accession #	Q3U4E2; Q80TK5; Q9QYG1
UniProt Related Accession #	Q8K394
GenBank Nucleotide #	NM_013880.3
NCBI Official Full Name	inactive phospholipase C-like protein 2
NCBI Official Synonym Full Names	phospholipase C-like 2

NCBI Official Symbol	Plcl2
NCBI Official Synonym Symbols	Plce2; PLC-L2; PRIP-2; mKIAA1092
UniProt Protein Name	Inactive phospholipase C-like protein 2
UniProt Synonym Protein Names	Phospholipase C-epsilon-2; PLC-epsilon-2
Protein Family	Inactive phospholipase C-like protein
UniProt Gene Name	Plcl2
UniProt Synonym Gene Names	Kiaa1092; Plce2; PLC-L(2); PLC-L2; Phospholipase C-L2; PLC-epsilon-2
NCBI Protein Information	inactive phospholipase C-like protein 2
UniProt Comments for Plcl2	May play an role in the regulation of Ins(1,4,5)P3 around the endoplasmic reticulum.
Research Articles on Plcl2	**1.** These results suggest that PRIPs are positively involved in the development of follicles via their regulation of LH-LHR signaling and estradiol secretion.
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