Lysophospholipase NTE1 (NTE1), Partial (CND04180) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lysophospholipase NTE1 (NTE1), partial (CND04180), Recombinant Protein
Full Product Name	Recombinant Cryptococcus neoformans var. neoformans serotype D Lysophospholipase NTE1 (NTE1), partial
Product Gene Name	CND04180 recombinant protein
Product Synonym Gene Name	NTE1
Product Synonym Names	Recombinant Lysophospholipase NTE1 (NTE1), partial; Lysophospholipase NTE1 EC= 3.1.1.5; Intracellular phospholipase B Neuropathy target esterase homolog
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	178,011 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.
Chromosome Location	Chromosome: 4; NC_006686.1 (1162025..1168145). Location: chromosome: 4
3D Structure	ModBase 3D Structure for P0CP36
Species	Cryptococcus neoformans var. neoformans serotype D (strain JEC21 / MYA-565) (Filobasidiella neoformans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CND04180 recombinant protein	MBS1264565 is a recombinant protein targeting CND04180. Also known as Recombinant Cryptococcus neoformans var. neoformans serotype D Lysophospholipase NTE1 (NTE1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CND04180 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 CND04180. It may not necessarily be applicable to this product.

NCBI GI #	58265958
NCBI GeneID	3257068
NCBI Accession #	XP_570135.1
UniProt Primary Accession #	P0CP36
UniProt Secondary Accession #	Q55U92; Q5KI53
GenBank Nucleotide #	XM_570135.1

NCBI Official Full Name	hydrolase
NCBI Official Symbol	CND04180
UniProt Protein Name	Lysophospholipase NTE1
UniProt Synonym Protein Names	Intracellular phospholipase B; Neuropathy target esterase homolog
UniProt Gene Name	NTE1
UniProt Entry Name	NTE1_CRYNJ
NCBI Protein Information	hydrolase
UniProt Comments for CND04180	Function: Intracellular phospholipase B that catalyzes the double deacylation of phosphatidylcholine (PC) to glycerophosphocholine (GroPCho). Plays an important role in membrane lipid homeostasis. Responsible for the rapid PC turnover in response to inositol, elevated temperatures, or when choline is present in the growth medium By similarity. Catalytic activity: 2-lysophosphatidylcholine + H2O = glycerophosphocholine + a carboxylate. Enzyme regulation: Inhibited by organophosphorus esters By similarity. Subcellular location: Endoplasmic reticulum membrane; Multi-pass membrane protein By similarity. Sequence similarities: Belongs to the NTE family.Contains 2 cyclic nucleotide-binding domains.Contains 1 patatin domain. Sequence caution: The sequence AAW42828.1 differs from that shown. Reason: Erroneous gene model prediction.
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