Recombinant Mouse Ddhd2 Protein, Myc/DDK-tagged

Cat. No. Ddhd2-2491M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DDHD domain containing 2 (Ddhd2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phospholipase that hydrolyzes preferentially phosphatidic acid, including 1,2-dioleoyl-sn-phosphatidic acid, and phosphatidylethanolamine. Specifically binds to phosphatidylinositol 3-phosphate (PI3P), phosphatidylinositol 4-phosphate (PI4P), phosphatidylinositol 5-phosphate (PI5P) and possibly phosphatidylinositol 4,5-bisphosphate (PI(4,5)P2). May be involved in the maintenance of the endoplasmic reticulum and/or Golgi structures. May regulate the transport between Golgi apparatus and plasma membrane.
Molecular Mass	79.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Ddhd2 DDHD domain containing 2 [Mus musculus (house mouse)]
Official Symbol	Ddhd2
Synonyms	DDHD2; DDHD domain containing 2; phospholipase DDHD2; DDHD domain-containing protein 2; SAM, WWE and DDHD domain-containing protein 1; SAMWD1; mKIAA0725; 2010305K11Rik
Gene ID	72108
mRNA Refseq	NM_028102
Protein Refseq	NP_082378
UniProt ID	Q80Y98

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