

Recombinant Mouse Gde1 Protein, His-tagged

Cat. No. Gde1-1572M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gde1 Protein (Ile210-Phe331) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ile210-Phe331
Description	Enables glycerophosphodiester phosphodiesterase activity; glycerophosphoinositol glycerophosphodiesterase activity; and lysophospholipase activity. Involved in ethanolamine metabolic process. Acts upstream of or within N-acyl ethanolamine metabolic process and phospholipid metabolic process. Located in plasma membrane. Is expressed in several structures, including ganglia; gut; lower urinary tract; lung; and nasal cavity epithelium. Orthologous to human GDE1 (glycerophosphodiester phosphodiesterase 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18 kDa Accurate Molecular Mass: 21 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Gde1 glycerophosphodiester phosphodiesterase 1 [Mus musculus (house mouse)]
Official Symbol	Gde1
Synonyms	GDE1; glycerophosphodiester phosphodiesterase 1; membrane interacting protein of RGS16; membrane-interacting protein of RGS16; Mir16; RGS16; 1200003M13Rik;
Gene ID	56209
mRNA Refseq	NM_019580
Protein Refseq	NP_062526
UniProt ID	Q9JL56

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