

Recombinant Mouse Gde1 Protein, His-tagged

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

SPECIFICATION

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| 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-acylethanolamine 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

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| 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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