

Recombinant Human GDE1 Protein, His-tagged

Cat. No. GDE1-2199H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDE1 Protein (Thr25-Val220) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr25-Val220
Description	Predicted to enable glycerophosphodiester phosphodiesterase activity; glycerophosphoinositol glycerophosphodiesterase activity; and lysophospholipase activity. Predicted to be involved in N-acylethanolamine metabolic process; ethanolamine metabolic process; and phospholipid metabolic process. Predicted to be located in plasma membrane.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.6 kDa Accurate Molecular Mass: 28 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
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 [Homo sapiens (human)]
Official Symbol	GDE1
Synonyms	GDE1; glycerophosphodiester phosphodiesterase 1; membrane interacting protein of RGS16; MIR16; RGS16-interacting membrane protein; membrane-interacting protein of RGS16; 363E6.2;
Gene ID	51573
mRNA Refseq	NM_016641
Protein Refseq	NP_057725
MIM	605943
UniProt ID	Q9NZC3

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