

OriGene Technologies, Inc.

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Product datasheet for TP304923

MIR16 (GDE1) (NM_016641) Human Recombinant Protein

Product data:

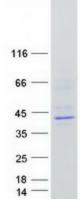
Nescription:Recombinant protein of human glycerophospholeiset phospholeiset pass (100 EU)Species:HumanExpression Host:HEK293TExpression cDNAClowRed ² Clo4923 protein sequence Red ² Cloning site Green=Tags(s)WWWEDQGGLLGPFSFLLLVLLLVTRSPVNACLLTGSLFVLLRVFSFEPVPSCRALQVLKPRDRISAIAH RGSHDAPENTLAAIRQAAKNGATGVEDDIEFTSDGIPVLMHDTVDRTTDGTRCLCDLTFEQIRKLNPA ANHRRNDFPDEKIPTLREAVAECLNHLLTIFFDVKGHAHKATEALKKMYMEEFPQLYNNSVVSFLPEVI YKMRQTDRDVTALTHRPWSLSHTGDGKPRYDFTWKHFIFVMMDILDUSSMHNILWYCGSAFLMQKDV SPAYLKKWSAKGIQVGWTVNTFDEKSYYESHLGSSYTDSMVEDCEPHFTag:CMyc/DDKPredicted MW:3.5 kDaSuffer:0.05 gly/L as determined by microplate BCA methodPredicted MW:Sim Aris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPredicted MW:Som a determined by microplate BCA methodPredicted MW:0.05 gly/L as determined by microplate BCA methodPredicted MW:Sim Ortis-HCI, 100 mM glycine, pH 7.3, 10% glycerolPredicted MW:Som a determined by microplate BCA methodPredicted MW:Sim ortis-HCI, 100 mM glycine, pH 7.3, 10% glycerolPredicted MW:Sim ortis-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Concentration:Sorie So result in glications, please filter before use. Note that you may experience one loss of protein during the filtration process.Storage:Sinali glications, Avoid repeated freeze-than cycles.Stability:No Sup StorageKatesian MCSinali glications, Avoid repeated freeze-than cycles.Storage:Nore a 80°CStability:Sinali glications, Avoid repeated freeze-than cycles.	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA ClossRC204923 protein sequence Rc2040023 protein sequence Rc2040024 pression CDNA Closs Rc2040024 pression CDNA Closs Rc204024 pression Closs Rc	Description:	Recombinant protein of human glycerophosphodiester phosphodiesterase 1 (GDE1), 20 μg
Expression cDNA ClooRe204923 protein sequence Red=Cloning site Green=Tags(s)Key Cloning site Green=Tags(s)MWLWEDQGGLLGFFSFLLLVLLLYTSPVNACLLTGSLFVLLRVFSFEPVPSCRALQVLKPRDRISAIAH RGGSHDAPENTLAAIRQAAKNGATGVELDIEFTSDGIPVLMHDNTVDRTTDGTGRLCDLTFEQIRKLNPAR ANHRLRNDFPDEKIPTLREAVAECLNHNLTIFFDVKGHAHKATEALKKMYMEFPQLYNNSVCSFLPEVV YKMRQTDRDVITALTHRPWSLSHTGDGKPRYDTFWKHFIFVMMDILLDWSMHNILWVLCGSAFLMQKDF VSPAVLKWSAKGIQVVGWTVNTFDEKSYYESHLGSSYTDSMVEDCEPHFTag:CMCPredicted MW:3.75 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:S40% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:Recombinant protein was captured hrough anti-DDK affinity column followed by conventional chromatography steps.Note:Sor a ceombinant protein was captured hrough anti-DDK affinity column protent was captured by microplate BCA methodStorage:Storage in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora 4.80°C.Stability:Stabe for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.Refseq:M.9 057725	Species:	Human
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handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 057725	Storage:	Store at -80°C.
	Stability:	
Locus ID: 51573	RefSeq:	<u>NP 057725</u>
	Locus ID:	51573



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	MIR16 (GDE1) (NM_016641) Human Recombinant Protein – TP304923
UniProt ID:	<u>Q9NZC3</u>
RefSeq Size:	2960
Cytogenetics:	16p12.3
RefSeq ORF:	993
Synonyms:	363E6.2; MIR16
Summary:	Has glycerophosphoinositol phosphodiesterase activity. Hydrolyzes lysoglycerophospholipids to produce lysophosphatidic acid (LPA) and the corresponding amines. Has little or no activity towards glycerophosphocholine. GDE1 activity can be modulated by G-protein signaling pathways (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families	: Transmembrane
Protein Pathway	/s: Glycerophospholipid metabolism

Product images:



Coomassie blue staining of purified GDE1 protein (Cat# TP304923). The protein was produced from HEK293T cells transfected with GDE1 cDNA clone (Cat# [RC204923]) using MegaTran 2.0 (Cat# [TT210002]).

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