

Product datasheet for **TP504871**

Gde1 (NM_019580) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glycerophosphodiester phosphodiesterase 1 (Gde1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204871 representing NM_019580 Red =Cloning site Green =Tags(s)

MWLWEDQGGLLGPFSFVLVLLLWTRSPFNACVLTGSLYILLRFFSFEPVPSRRALQVLKPRDRVSAIAH
RGGSHDAPENTLAAIRQAAKNGATGVELDIEFTSDGVPVLMHDNTVDRTTDSGSRLCDLTFEQVRKLNPA
ANHRLRNEFPDERIPTLKEAVTECLRHNLTIFFDVKGHADMASAALKNIYTEFPQLYNNSMVCSFLPEVI
YKMRQTDQKVITALTHRPWLSHTGDGKPRYSVFWKQSVFVVDILLDWSMHNVLWYLCGISAFMLQKDF
VSPDYLLKKWSAKGIQVSWTVNTFDEKNYYESHGSSYITDSMLEDCAPHF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	38.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_062526
Locus ID:	56209
UniProt ID:	Q9JL56



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RefSeq Size: 1529

Cytogenetics: 7 F2

RefSeq ORF: 993

Synonyms: 1200003M13Rik; Mir16; RGS16

Summary: Has glycerophosphoinositol phosphodiesterase activity. Hydrolyzes lysoglycerophospholipids to produce lysophosphatidic acid (LPA) and the corresponding amines (PubMed:25596343). Has little or no activity towards glycerophosphocholine. GDE1 activity can be modulated by G-protein signaling pathways (By similarity).[UniProtKB/Swiss-Prot Function]