

Recombinant Full Length Mouse Glycerophosphodiester Phosphodiesterase Domain-Containing Protein 5(Gdpd5) Protein, His-Tagged

Cat. No. RFL28699MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Glycerophosphodiester phosphodiesterase domain-containing protein 5(Gdpd5) Protein (Q640M6) (1-607aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-607)
Form	Lyophilized powder
AA Sequence	MVRHQPLQYYEPQLCLSCLTGIYGCRWKRYQRSHDDTTPWERLWFULLLVCTFSLTL TWLY FWWGVHNDYDEFNWLYNRMGYWSDWSVPILVTSAAAFETYIAGLLVLALCH IAVGQQLNL HWIHKMGLVVILASTVVAMSAVAQLWEDEWEVLLISLQGTAPFLHIGA LVAITALSWIVA GQFARAERSSSQLTILCTFFAVVFTFYLIPLTISSPCIMEKKDLGPKP ALIGHRGAPMLA PEHTVMSFRKALEQRLYGLQADITISLDGVPFLMHDTTLRRTTNV EHLFPELARRPAAML NWTVLQRLNAGQWFLKTDPFWTASSLSPSDHREVQNQSIC SLAELELAKGNASLLLNLR DPPRDHPYRGSFLNVTLEAVLRSGFPQHQMWWLFNR QRPLVRKMAPGFQQTSGSKEAIAN LRKGHIQKLNLRYTQVSHQELRDYASWNLSV NLYTVNAPWLFSLWCAGVPSVTSDNSHT LSRVPSPLWIMPPDEYCLMWVTADLIS FSLIIGIFVLQKWRLGGIRSYNPEQIMLSAAVR RTSRDVSIMKEKLIFSEISDGVEVSD

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ELSVCSDDSSYDTYANANSTATPVGPRNAGSRAKT VTEQSGH

Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Gdpd5
Synonyms	Gdpd5; Gde2; Glycerophosphodiester phosphodiesterase domain-containing protein 5; Glycerophosphocholine phosphodiesterase GDPD5; Glycerophosphodiester phosphodiesterase 2; Phosphoinositide phospholipase C GDPD5
UniProt ID	Q640M6

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