

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

Cat. No. RFL23869HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human Glycerophosphodiester phosphodiesterase domain-containing protein 5(GDPD5) Protein (Q8WTR4) (1-605aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-605)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MVRHQPLQYYEPQLCLSCLTGIYGCRWKRYQRSHDDTTPWERLWFLLLTFTFGLTL TWLY FWWEVHNDYDEFNWYLYNRMGYWSDWPVILVTTAAAFAYIAGLLVLALCHI AVGQQMNL HWLHKIGLVVILASTVVAMSAVAQLWEDEWEVLLISLQGTAPFLHVGA VAAVTMLSWIVA GQFARAERTSSQVTILCTFFT VVFALYLAPLTISSPCIMEKKDLGP KPALIGHRGAPMLA PEHTLMSFRKALEQKLYGLQADITISLDGVPFLMHDTTLRRTT NVEEEFPELARRPASML NWTTLQRLNAGQWFLKTDPFWTASSLSPSDHREAQNN SICSLAELLELAKGNATLLLNLR DPPREHPYRSSFINVTLEAVLHSGFPQHQMWWLP SRQRPLVRKVAPGFQQTSGSKEAVAS LRRGHIQRLNLRYTQVSRQELRDYASWNL SVNLYTVNAPWLFSLWCAGVPSVTSDNSHA LSQVPSPLWIMPPDEYCLMWWTAD LVSFTLIVGIFVLQKWRLGGIRSYNPEQIMLSAAVR RTSRDVSIMKEKLIFSEISDGVE

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VSDVLSVCSDNSYDTYANSTATPVGPRGGGSHTKTLI ERSGR

**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; PP6037; PP9363; UNQ1850/PRO3580; Glycerophosphodiester phosphodiesterase domain-containing protein 5; Glycerophosphocholine phosphodiesterase GDPD5; Glycerophosphodiester phosphodiesterase 2; Phosphoinositide phospholipase C GDPD5

**UniProt ID** [Q8WTR4](https://www.uniprot.org/entry/Q8WTR4)

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