

Recombinant Full Length Human GPCPD1 Protein, C-Flag-tagged

Cat. No. GPCPD1-2185HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GPCPD1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable glycerophosphocholine phosphodiesterase activity. Predicted to be involved in glycerophospholipid catabolic process. Predicted to act upstream of or within skeletal muscle tissue development. Predicted to be located in cytosol.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	75.9 kDa
AA Sequence	MTPSQVAFEIRGTLTPGEVFAICGSCDALGNWNPQNAVALLPENDTGESMLWKATIV LSRGVSVQYRYFK GYFLEPKTIGGPCQVIVHKWETHLQPRSITPLESEIIIDDGQFGIH NGVETLD SGWLT CQTEIRLR LHYS EKPPVSITKKK LKKS RFRVKLTLEGLEEDDDDR VSPTVLHKMSNSLEISLISDNEFKCRHSQPECGYGLQ PDRWTEYSIQTMEPDNLELI FDFFEEDLSEHV VQGDALPGHVGTACLLSSTIAESGKSAGILTLPIMSRN SRKTIGKV RVDYIIIKPLPGYSCDMKSSFSKYWKPRIPLDVGHRGAGNSTTTAQLAKVQENTIASL RNAA SHGA AFVEFDVHLSKDFVPVYHDLTCCLTMKKKFDADPVELFEIPVKELTFD QLQLLKLTHVTALKSKD RKESVVQEENSFSENQPFPSLKMVLESLPEDVGFNIEIKWI CQQRDGMWDGNLSTYFDMNLFDIILKTV LENS GKRRIVFSSFDADICTMVRQKQN

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KYPILFLTQGKSEIYPELMDLRSRTTPIAMSFAQFENLLGINV HTEDLLRNPSYIQEAK
AKGLVIFCWGDDTNDPENRRKLKELGVNGLIYDRIYDWMPEQPNIFQVEQLERL KQ
ELPELKSCLCPTVSRFVPSSLCGESDIHVDANGIDNVENA TRTRPLEQKLISEEDLAA
NDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	GPCPD1 glycerophosphocholine phosphodiesterase 1 [Homo sapiens (human)]
Official Symbol	GPCPD1
Synonyms	EDI3; GDE5; GDPD6; PREI4
Gene ID	56261
mRNA Refseq	NM_019593.5

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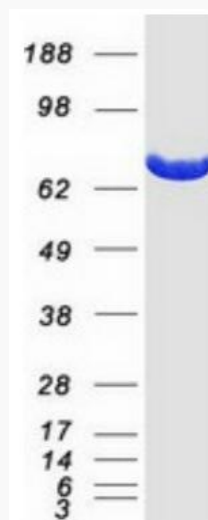
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Protein Refseq [NP_062539.1](#)

MIM [614124](#)

UniProt ID [Q9NPB8](#)



Coomassie blue staining of purified GPCPD1 protein.

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