

Product datasheet for **TP304415M**

GDPD2 (NM_017711) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human glycerophosphodiester phosphodiesterase domain containing 2 (GDPD2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204415 protein sequence Red =Cloning site Green =Tags(s)

MAESPGCCSVWARCLHCLYSCHWRKCPREERMQTSKDCIWFGLLFLTFLLSLSWLYIGLVLLNDLHNFNE
FLFRRWGHWMDSLAFLLVISLLVITYASLLLVALLLRRCRQPLHLHSLHKVLLLLIMLLVAAGLVGLDI
QWQQEWHSRLVSLQATAPFLHIGAAAGIALLAWPVADTFYRIHRRGPKILLFFFVVLVIYLAAPLCIS
SPCIMEPRDLPPKPLVGHARGAPMLAPENTLMSLRKTAECGATVFETDVMVSSDGPFLMHDEHLSRTTN
VASVFPTRITAHSSDFSWTELKRLNAGSWFLERRPFWGAKPLAGPDQKEAESQTPALEELLEEEAALNL
SIMFDLRRPPQNHTYYDTFVIQTLETVLNARVPQAMVFWLPDEDANVQRRAPGMRQIYGRQGGNRTERP
QFLNLPYQDLPLLDIKALHKDNVSVNLFVVKPWFLLWCAGVDSVTTNDCQLLQQMRYPIWLITPQTY
LIIVVITNCVSTMLLLWTFLLQRRFVKKRGKTGLETAVLLTRINNFMMME

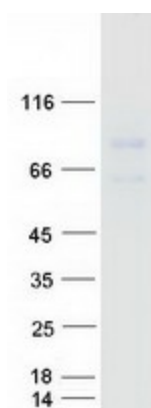
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	61.5 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_060181
Locus ID:	54857
UniProt ID:	Q9HCC8
RefSeq Size:	2290
Cytogenetics:	Xq13.1
RefSeq ORF:	1617
Synonyms:	GDE3; OBDPF
Summary:	This gene encodes a member of the glycerophosphodiester phosphodiesterase enzyme family. The encoded protein hydrolyzes glycerophosphoinositol to produce inositol 1-phosphate and glycerol. This protein may have a role in osteoblast differentiation and growth. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2010]
Protein Families:	Transmembrane

Product images:

Coomassie blue staining of purified GDPD2 protein (Cat# [TP304415]). The protein was produced from HEK293T cells transfected with GDPD2 cDNA clone (Cat# [RC204415]) using MegaTran 2.0 (Cat# [TT210002]).