

## Product datasheet for **TP304415L**

### **GDPD2 (NM\_017711) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human glycerophosphodiester phosphodiesterase domain containing 2 (GDPD2), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC204415 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAESPGCCSVWARCLHCLYSCHWRKCPREERMQTSKDCIWFGLLFLTFLLSLSWLYIGLVLLNDLHNFNE  
FLFRRWGHWMDSLAFLLVISLLVITYASLLLVALLLRQPLHLHSLHKVLLLLIMLLVAAGLVGLDI  
QWQQEWHSRLVSLQATAPFLHIGAAAGIALLAWPVADTFYRIHRRGPKILLLLFFGVVLYIPLAPLCIS  
SPCIMEPRDLPPKPLVGHGAPMLAPENTLMSLRKTAECGATVFETDVMVSSDGPFLMHDEHLSRTTN  
VASVFPTRITAHSSDFSWTELKRLNAGSWFLERRPFWGAKPLAGPDQKEAESQTPALEELLEEEAALNL  
SIMFDLRRPPQNHTYYDTFVIQTLETVLNARVPQAMVFWLPDEDNANVQRRAPGMRQIYGRQGGNRTERP  
QFLNLPYQDLPLLDIKALHKDNVSVNLFVVKPWLFSLLWCAGVDSVTTNDCQLLQQMRYPIWLITPQTY  
LIIVVITNCVSTMLLLWTFLLQRRFVKKRGKTGLETAVLLTRINNFMMME

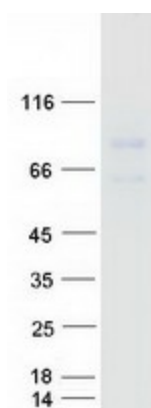
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	61.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_060181</a></u>
<b>Locus ID:</b>	54857
<b>UniProt ID:</b>	<u><a href="#">Q9HCC8</a></u>
<b>RefSeq Size:</b>	2290
<b>Cytogenetics:</b>	Xq13.1
<b>RefSeq ORF:</b>	1617
<b>Synonyms:</b>	GDE3; OBDPF
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).