

Recombinant Human GDPD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GDPD2-3460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GDPD2 MS Standard C13 and N15-labeled recombinant protein (NP_060181) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	61.7 kDa
AA Sequence	MAESPGCCSVWARCLHCLYSCHWRKCPRERMQTSKDCIWFGLLFLTFLLSLSWL YIGLVLLNDLHNFNEFLFRRWGHWMDWSLAFLLVISLLVTYASLLLVLALLLRRCRQP LHLHSLHKVLLLLIMLLVAAGLVGLDIQWQQEWHSRLVSLQATAPFLHIGAAAGIALLA WPVADTFYRIHRRGPKILLLLLLFFGVVLVIYLAPLCISSPCIMEPRDLPPKPGLVGHRG APMLAPENTLMSLRKTAECGATVFETDVMVSSDGVFPLMHDEHLSRTTNVASVFPT RITAHSSDFSWTELKRLNAGSWFLERRPFWGAKPLAGPDQKEAESQTVPALEELLE EAAALNLSIMFDLRRPPQNHTYYDTFVIQTLETVLNARVPQAMVFWLPDEDRAVQR RAPGMRQIYGRQGGRTERPQFLNLPYQDLPLLDIKALHKDNVSVNLFVVNKPWLF SLLWCAGVDSVTTNDCQLLQQMRYPIWLITPQTYLIWVITNCVSTMLLLWTFLLQRR

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FVKKRGKTGLETAVLLTRINNFMETRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [GDPD2 glycerophosphodiester phosphodiesterase domain containing 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [GDPD2](#)

Synonyms GDPD2; glycerophosphodiester phosphodiesterase domain containing 2; glycerophosphoinositol inositolphosphodiesterase GDPD2; FLJ20207; GDE3; OBDPF; osteoblast differentiation promoting factor; glycerophosphodiester phosphodiesterase 3; glycerophosphodiester phosphodiesterase domain-containing protein 2;

Gene ID [54857](#)

mRNA Refseq [NM_017711](#)

Protein Refseq [NP_060181](#)

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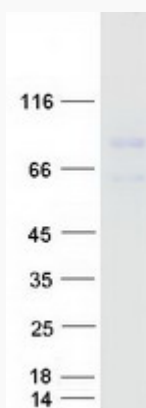
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MIM 300940

UniProt ID Q9HCC8

SDS-PAGE



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