

Recombinant Full Length Human GDPD2 Protein, GST-tagged

Cat. No. GDPD2-5274HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GDPD2 full-length ORF (NP_060181.2, 1 a.a. - 539 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	539 amino acids
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. [provided by RefSeq, Jan 2010]
Molecular Mass	88.1 kDa
AA Sequence	MAESPGCCSVWARCLHCLYSCHWRKCPRERMQTSKDCIWFGLLFLTFLLSLSWL YIGLVLLNDLHNFNEFLFRRWGHWMDWSLAFLLVISLLVTYASLLLVLALLLRCLRQP LHLHSLHKVLLLLIMLLVAAGLVGLDIQWQQEWHSRLRVSLQATAPFLHIGAAAGIALLA WPVADTFYRIHRRGPKILLLLFFGVVLVIYLAPLCISSPCIMEPRDLPPKPGLVGHRG APMLAPENTLMSLRKTAECGATVFETDVMVSSDGVFPLMHDEHLSRTTNVASVFPT RITAHSSDFSWTELKRLNAGSWFLERRPFWGAKPLAGPDQKEAESQTVPALEELLE EAAALNLSIMFDLRRPPQNHTYYDTFVIQTLETVLNARVPQAMVFWLPDEDRAVQR RAPGMRQIYGRQGGNRTERPQFLNLPYQDLPLLDIKALHKDNVSVNLFVFNKPWLF

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	SLLWCAGVDSVTTNDCQLLQQMRYPIWLITPQTYLIWVITNCVSTMLLLWTFLLQRR FVKKRGKTGLETAVLLTRINNFMMME
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GDPD2 glycerophosphodiester phosphodiesterase domain containing 2 [Homo sapiens]
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_001171191

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Protein Refseq	NP_001164662
MIM	300940
UniProt ID	Q9HCC8

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