

Recombinant Human GDPD2 Protein, GST-tagged

Cat. No. GDPD2-4838H **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	Wheat Germ
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 YIGLVLLNDLHNFNEFLFRRWGHWMDWSLAFLLVISLLVTYASLLLVLALLLRPCRQP LHLHSLHKVLLLLIMLLVAAGLVGLDIQWQQEWHSRLVSLQATAPFLHIGAAAGIALLA WPVADTFYRIHRRGPKILLLLLLFFGVVLVIYLAPLCISSPCIMEPRDLPPKPGLVGHRG APMLAPENTLMSLRKTAECGATVFETDVMVSSDGVFPLMHDEHLSRTTNVASVFPT RITAHSSDFSWEKRLNAGSWFLERRPFWGAKPLAGPDQKEAESQTPALEELLE EAAALNLSIMFDLRRPPQNHTYYDTFVIQTLETVLNARVPQAMVFWLPDEDRAVQR RAPGMRQIYGRQGGRTERPQFLNLPYQDLPLLDIKALHKDNVSVNLFVFNKPWLF SLLWCAGVDSVTTNDCQLLQQMRYPIWLITPQTYLIWVITNCVSTMLLLWTFLLQRR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Protein Refseq

NP_001164662

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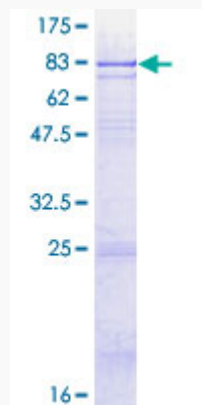
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45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 300940

UniProt ID Q9HCC8

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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