

# Recombinant Full Length Human GDPD1 Protein, GST-tagged

Cat. No. GDPD1-5273HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GDPD1 full-length ORF ( AAH34432.1, 1 a.a. - 290 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	290 amino acids
<b>Description</b>	This gene encodes a member of the glycerophosphodiester phosphodiesterase family of enzymes that catalyze the hydrolysis of deacylated glycerophospholipids to glycerol phosphate and alcohol. The encoded protein is localized to the cytoplasm and concentrates near the perinuclear region. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
<b>Molecular Mass</b>	59.8 kDa
<b>AA Sequence</b>	MSSTAAFYLLSTLGGYLVTSFLLKYP TLLHQRKKQRFLSKHISHRGGAGENLENTM AAFQHAVKIGTDMLELDCHITKDEQVVVSHDENLKRATGVNVNISDLKYCELPYLG KLDVSFQRACQCEGKDNRIPLLKEVF EAFPNTPINIDIKVNNNVLIKKVSELVKRYNRE HLTVWGNANYEIVEKCYKENS DIPILFSLQRVLLILGLFFTGLLPFVPIREQFFEIPMP SI ILKLKEPHTMSRSQKFLIWLSDLLL MRKALFDHLTARGIQVSFWNDAFWKQHSSPV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GDPD1 glycerophosphodiester phosphodiesterase domain containing 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	GDPD1
<b>Synonyms</b>	GDPD1; glycerophosphodiester phosphodiesterase domain containing 1; GDE4; glycerophosphodiester phosphodiesterase domain-containing protein 1; glycerophosphodiester phosphodiesterase 4
<b>Gene ID</b>	284161
<b>mRNA Refseq</b>	NM_001165993
<b>Protein Refseq</b>	NP_001159465
<b>MIM</b>	616317
<b>UniProt ID</b>	Q8N9F7

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