

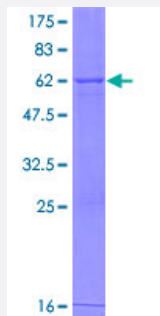
Full-Length

# GDPD1 (Human) Recombinant Protein (P01)

Catalog # H00284161-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human GDPD1 full-length ORF ( AAH34432.1, 1 a.a. - 290 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MSSTAIFYLLSTLGGYLVTSFLLKYPTLLHQRKKQRFLSKHISHRGGAGENLENTMAAFQHAVKIG  
TDMLELDCHITKDEQVVVSHDENLKRATGVNVNISDLKYCELPPYLGKLDVSFQRACQCEGKDN  
RIPLLKEVF EAFPNTPINIDIKVNNNVLIKKVELVKRYNREHLTVWGNANYEIVEKCYKENS DIPILFS  
LQRVLLILGLFFTGLLPFVPIREQFFEIPMPSIILKLKEPHTMSRSQKFLWLSDLLL MRKALFDHLTA  
RGIQVSFWNDAFWKQHSSPV

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

59.8

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

### Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — GDPD1

Entrez GeneID	<a href="#">284161</a>
GeneBank Accession#	<a href="#">BC034432.1</a>
Protein Accession#	<a href="#">AAH34432.1</a>
Gene Name	GDPD1
Gene Alias	FLJ27503, FLJ37451, GDE4, MGC35046, UGPQ
Gene Description	glycerophosphodiester phosphodiesterase domain containing 1
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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]
Other Designations	glycerophosphodiester phosphodiesterase 4