

## Recombinant Human GDPD1 Protein, GST-tagged

**Cat. No.** GDPD1-4837H    **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>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                        |
| <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<br>AAFQHAVKIGTDMLELDCHITKDEQVVVSHDENLKRATGVNVNISDLKYCELPYLG<br>KLDVSFQRACQCEGKDNRIPLLKEVF EAFPNTPINIDIKVNNNVLIKKVSELVKRYNRE<br>HLTVWGNANYEIVEKCYKENS DIPILFSLQRVLLILGLFFTGLLPFVPIREQFFEIPMP SI<br>ILKLKEPHTMSRSQKFLIWLS DLLLMRKALFDHLTARGIQVSFWNDAFWKQHSSPV                                                             |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                 |

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|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <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. |

## GENE INFORMATION

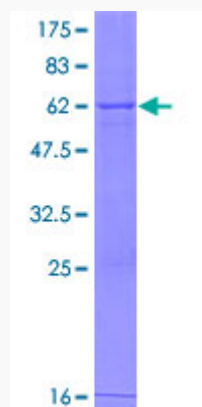
|                        |                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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