

Full-Length

# POF1B (Human) Recombinant Protein (P01)

Catalog # H00079983-P01

Size 50 ug

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Human POF1B full-length ORF ( ABM83153.1, 1 a.a. - 595 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                      | MSSSYWSETSSSSCGTQQQLPEVLQCQPQHYHCYHQSSQAQQPPEKNVYERVRTYSGPMNKV<br>VQALDPFNSREVLSPKTTSSYQNLVWSDHSQELHSPTLKISTCAPSTLHITQNTQELHSP TVKL<br>TTYPTTIRKYVVQNPEQEPLSQFLRGSHFFPGNNVIYEKTIRKVEKLNTDQGCHPQAQCHHHIIQQ<br>PQVIHSAHWQQPDSSQQIAITGNNPISTHIGNELCHSGSSQICEQVIQDDGPEKLDPRYFGELLA<br>DLSRKNTDLYHCLLEHLQRIGGSKQDFESTDESEDIESLIPKGLSEFTKQQIRYILQMRGMSDKSLR<br>LVLSTFSNIREELGHLQNDLTSLENDKMRLEKDL SFKDTQLKEYEELLASVRANNHQQQGLQDS<br>SSKCALEENNL SLRHTLSDMEYRLKELEYCKRNLEQENQNLRMQVSETCTGPMLQAKMDEIGN<br>HYTEMVKNLRMEKDREICRLRSQNLNQYHKDVS KREGSCSDFQFKLHELTSLLEEKDSLIRQSEE<br>LSKLRQEYSSHNQPSTGGRTTITTKKYRTQYPILGLLYDDYEYPPGSETQTIVIEKTEDKYTCVSSLG<br>HF |
| Host                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Theoretical MW (kDa)          | 91.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Interspecies Antigen Sequence | Mouse (89); Rat (89)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation Method            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purification                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 — POF1B

Entrez GeneID [79983](#)

GeneBank Accession# [DQ892227.2](#)

Protein Accession# [ABM83153.1](#)

Gene Name POF1B

Gene Alias FLJ22792, POF

Gene Description premature ovarian failure, 1B

Omim ID [300603](#) [300604](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations OTTHUMP00000023625

## Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Translocation](#)