

Full-Length

## POMZP3 (Human) Recombinant Protein (P01)

Catalog # H00022932-P01

Size 50 ug

### Specification

<b>Product Description</b>	Human POMZP3 full-length ORF (NP_036362.2, 1 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MVCSPVTLRIAPPDRRFSRSAIPEQIISSTLSSPSSNAPDPCAKETVLSALKEKKKKRTVEEEDQIF LDGQENKRSCLVDGLTDASSAFKVP RP GPD TLQFTVDLFHFANDSRNMIYTCHLKVTLAEQDPD ELNKACSF SKPSNSWFPVEGPADICCCNKGDCGTPSHSR RQPRVVSQWSTSASRNR RHVTE EADVTVGATDLP GQEW
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	49.5
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — POMZP3

**Entrez GeneID** [22932](#)

**GeneBank Accession#** [NM\\_012230.2](#)

**Protein Accession#** [NP\\_036362.2](#)

**Gene Name** POMZP3

**Gene Alias** MGC8359, POM-ZP3, POM121

**Gene Description** POM (POM121 homolog, rat) and ZP3 fusion

**Omim ID** [600587](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene appears to have resulted from a fusion of DNA sequences derived from 2 distinct loci, specifically through the duplication of two internal exons from the POM121 gene and four 3' exons from the ZP3 gene. The 5' end of this gene is similar to the 5' coding region of the POM121 gene which encodes an integral nuclear pore membrane protein. However, the protein encoded by this gene lacks the nuclear pore localization motif. The 3' end of this gene is similar to the last 4 exons of the zona pellucida glycoprotein 3 (ZP3) gene and the encoded protein retains one zona pellucida domain. Multiple protein isoforms are encoded by transcript variants of this gene. [provided by RefSeq]

**Other Designations** POM (POM121 rat homolog) and ZP3 fusion|POM-ZP3 fusion protein|POM121/ZP3 fusion protein|POMZP3 fusion protein