

## Product datasheet for **AR51580PU-S**

### POMZP3 (1-187, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	POMZP3 (1-187, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMVCSPVT LRIAPPDRRF SRSAIPEQII SSTLSSPSSN APDPCAKETV LSALKEKKKK RTVEEDQIF LDGQENKRSC LVDGLTDASS AFKVPRPGPD TLQFTVDVFH FANDSRNMIY ITCHLKVTLA EQDPDELNKA CSFSKPSNSW FPVEGLADIC QCCNKGDGCGT PSHSRRQPRV VSQWSTSASL
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	23.0 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human POMZP3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_036362</a>
<b>Locus ID:</b>	22932
<b>UniProt ID:</b>	<a href="#">Q6PJE2</a>
<b>Cytogenetics:</b>	7q11.23
<b>Synonyms:</b>	POM-ZP3



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**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, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**