

Recombinant Human POMZP3, His-tagged

Cat. No. POMZP3-267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POMZP3, 1-187 aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-187aa
Description	POMZP3 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 POMZP3 gene and four 3' exons from the ZP3 gene. The 5' end of this gene is similar to the 5' coding region of the POMZP3 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 pellucid glycoprotein 3 (ZP3) gene and the encoded protein retains one zona pellucida domain. Recombinant human POMZP3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	23.0kDa (210aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVCSPVT LRIAPPDRRF SRSAIPEQII SSTLSSPSSN APDPCAKETV LSALKEKKKK RTVEEEDQIF LDGQENKRSC LVDGLTDASS AFKVPRPGPD TLQFTVDVFH FANDSRNMIY ITCHLKVTLA

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EQDPDELNKA CSFSKPSNSW FPVEGLADIC QCCNKGDCGT PSHSRRQPRV
VSQWSTSASL

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [POMZP3 POM121 and ZP3 fusion \[Homo sapiens \]](#)

Official Symbol POMZP3

Synonyms POMZP3; POM121 and ZP3 fusion; POM (POM121 homolog, rat) and ZP3 fusion , POM (POM121 rat homolog) and ZP3 fusion; POM121 and ZP3 fusion protein; POM ZP3; POM ZP3 fusion protein; POM121; POM121/ZP3 fusion protein; POM-ZP3 fusion protein; POM (POM121 rat homolog) and ZP3 fusion; POM (POM121 homolog, rat) and ZP3 fusion; POM-ZP3; MGC8359;

Gene ID [22932](#)

mRNA Refseq [NM_012230](#)

Protein Refseq [NP_036362](#)

MIM [600587](#)

UniProt ID [Q6PJE2](#)

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Chromosome Location	7q11.2
Function	molecular_function;