

Recombinant Human ZP3 protein, His-SUMO-tagged

Cat. No. ZP3-3784H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZP3 protein(P21754)(23-387aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-387aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.6 kDa
AA Sequence	QPLWLLQGGASHPETSVPVLVEQCQEATLMVMVSKDLFGTGKLRRAADLTGPEAC EPLVSMDDTEVVRFVGLHECGNSMQVTDDALVYSTFLLHDPVGNLSIVRTNRA EIIPIECRYPRQGNVSSQAILPTWLPFRRTTVFSEEKLTFSRLMEENWNAEKRSPTFHL GDA AHLQAEIHTGSHVPLRRLFVDHCVATPTPDQNASPYHTIVDFHGCLVDGLTDASS AFKVPRPGPDTLQFTVDVHFHFANDSRNMIYITCHLKVTLAEQDPDELNKACSFKSPS NSWFPVEGSADICQCCNKGDCGTPSHSRRQPHVMSQWSRSASRNRHRHVTEEADV TVGPLIFLDRRGDHEVEQWALPSDTSV
Purity	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [ZP3 zona pellucida glycoprotein 3 \(sperm receptor\) \[Homo sapiens \]](#)

Official Symbol [ZP3](#)

Synonyms ZP3; zona pellucida glycoprotein 3 (sperm receptor); zona pellucida glycoprotein 3A (sperm receptor) , ZP3A, ZP3B; zona pellucida sperm-binding protein 3; ZP3 372; ZP3 424; ZP3A/ZP3B; sperm receptor; zona pellucida protein C; zona pellucida glycoprotein 3B; zona pellucida glycoprotein ZP3; zona pellucida glycoprotein 3A (sperm receptor); ZPC; ZP3A; ZP3B; Zp-3;

Gene ID [7784](#)

mRNA Refseq [NM_001110354](#)

Protein Refseq [NP_001103824](#)

MIM [182889](#)

UniProt ID [P21754](#)

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