

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	QPLWLLQGGASHPETSVPVLEVCQEATLMVMVSKDLFGTGKLIRAADLTGPEAC EPLVSMDDTEDVVRFEVGLHECGNSMQVTDDALVYSTFLLHDPVGNLSIVRTNRA EIPIECRYPRQGNVSSQAILPTWLPFRRTTVFSEEKLTFSRLMEENWNAEKRSPTFHL GDA AHLQAEIHTGSHVPLRLFVDHCVATPTPDQNASPYHTIVDFHGCLVDGLTDASS AFKVPRPGPDTLQFTVDVFHFANDSRNMIYITCHLKVTLAEQDPDELNKACSF SKPS NSWFPVEGSADICQCCNKGDCGTPSHSRRQPHVMSQWSRSASRNR RHVTEEADV TVGPLIFLDRRGDHEVEQWALPSDTSV
Purity	Greater than 90% as determined by SDS-PAGE.

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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