



# Recombinant Human Zona pellucida sperm-binding protein 1 (ZP1)

<b>Product Code</b>	CSB-YP027119HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P60852
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	RWLQPDPLGLRHSYDCGIKGMQLLVFPRPGQTLRFKVVDEFGNRFDVNN CSICYHWVT SRPQEPAVFSADYRGCHVLEKDGRFHLRVFMEAVLPNGRVDVAQDATLICPK PDPSTRLD SQLAPPAMFSVSTPQTLFSLPTSGHTSQGSGHAFPSPLDPGHSSVHPTPALPS PGPGPTL ATLAQPHWGTLEHWDVKNRDIYIGTHLSQECCQVASGHLPCIVRRTSKEACQQ AGCCYDNT REVPYYGNTATVQCFRDGYFVLVVSQEMALTHRITLANIHLAYAPTSCSPTQ HTEAFVV FYFPLTHCGTTMQVAGDQLIYENWLVSIGIHIKGPQGSITRDSTFQLHVRCVF NASDFLP IQASIFPPPSPAPMTQPGPLRLELRIAKDETFFSSYYGEDDYPIVRLLEP VHVEV RLLQR TDPNLVLLLHQCWGAPSANPFQQPQWPILSDGCPFKGDSYRTQMVALDGAT PFQSHYQRF TVATFALLDSGSQRALRGLVYLCSTSACTSGLETCTACSTGTTRQRRSSG HRNDTAR PQDIVSSPGPVGFEDSYGQEPTLGPTDSNGNSSLRP
<b>Source</b>	Yeast
<b>Target Names</b>	ZP1
<b>Protein Names</b>	Recommended name: Zona pellucida sperm-binding protein 1 Alternative name(s): Zona pellucida glycoprotein 1 Short name= Zp-1 Cleaved into the following chain: 1. Processed zona pellucida sperm-binding protein 1
<b>Expression Region</b>	26-601
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Extracellular domain
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.