



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

<b>Product Code</b>	CSB-EP027119HU
<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>	RWLQPDPGLPGLRHSYDCGIKGMQLLVFPRPGQTLRFKVVDEFGNRFDVNN CSICYHWVT SRPQEPAVFSADYRGCHVLEKDGRFHLRVFMEAVLPNGRVDVAQDATLICPK PDPSRTL SQLAPPAMFSVSTPQTL SFLPTSGHTSQGSGHAFPSPLDPGHSSVHPTPALPS PGPGPTL ATLAQPHWGTLEHWDV NKRDIYIGTHLSQECCQVASGHLPCIVRRTSKEACQQ AGCCYDNT REVPYYGNTATVQCFRDGYFVLVVSQEMALTHRITLANIHLAYAPTSCSPTQ HTEAFVV FYFPLTHCGTTMQVAGDQLIYENWLVSIGIHIKGPQGSITRDSTFQLHVRCVF NASDFLP IQASIFPPPSPAPMTQPGPLRLELRIAKDETFFSSYYGEDDYPIVRLLEP VHVEV RLLQR TDPNLVLLLHQCWGAPSANPFQQPQWPILSDGCPFKGDSYRTQMVALDGAT PFQSHYQRF TVATFALLDSGSQRALRGLVYLCST SACHTSGLET CSTACSTGTTRQRRSSG HRNDTAR PQDIVSSPGPVGFEDSYGQEPTLGPTDSNGNSSLRP
<b>Source</b>	E.coli
<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.

### 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.