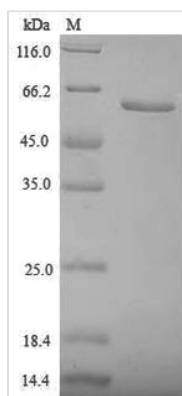




Recombinant Human Zona pellucida sperm-binding protein 3(ZP3) ,partial

Product Code	CSB-EP027121HU
Relevance	The mammalian zona pellucida, which mediates species-specific sperm binding, induction of the acrosome reaction and prevents post-fertilization polyspermy, is composed of three to four glycoproteins, ZP1, ZP2, ZP3, and ZP4. ZP3 is essential for sperm binding and zona matrix formation.
Storage	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.
Uniprot No.	P21754
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Sperm receptor ZP3A/ZP3B Zona pellucida glycoprotein 3 Short name:Zp-3 Zona pellucida protein C Cleaved into the following chain: Processed zona pellucida sperm-binding protein 3
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QPLWLLQGGASHPETSVPVLVECQEATLMVMVSKDLFGTGKLIRAADLTGLP EACEPLVSMDETEDVVRFEVGLHECGNSMQVTDDALVYSTFLLHDPRPVGNNLSI VRTNRAEPIECRYPRQGNVSSQAILPTWLPFRTTVFSEEKLTFSRLMEENWN AEKRSPTFHLGDAAHLQAEIHTGSHVPLRLFDVHCVATPTPDQNASPYHTIVDF HGCLVDGLTDASSAFKVPRPGPDTLQFTVDVVFHFANDSRNMIYITCHLKVTLAE QDPDELNKACFSKPSNSWFPVEGSADICQCCNKGDCGTPSHSRRQPHVMS QWSRSASRNRHRHVTEEADVTVGPLIFLDRRGDHEVEQWALPSDTSV
Lead Time	3-7 business days
Research Area	Developmental Biology
Source	E.coli
Gene Names	ZP3
Expression Region	23-387aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	56.6kDa
Protein Description	Extracellular Domain
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.