



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.
Abbreviation	Recombinant Human ZP3 protein, partial
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
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QPLWLLQGGASHPETSVPVLVECQEATLMVMVSKDLFGTGKLIRAADLTLGP EACEPLVSMDET DVVRFVGLHECGNSMQVTDDALVYSTFLLHDPRPVGNLSI VRTNRAEIPICRYPRQGNVSSQAILPTWLPFRRTTVFSEEKLTFSRLMEENWN AEKRSPTFHLGDAHLQAEIHTGSHVPLRFLVDHCVATPTPDQNASPYHTIVDF HGCLVDGLTDASSAFKVPRPGPDTLQFTVDVVFHFANDSRNMIYITCHLKVTLAE QDPDELNKACSFSPNSWFPVEGSADICQCCNKGDGTPSHSRRQPHVMS QWSRSASRNRRHVTEEADVTVGPLIFLDRRGDHEVEQWALPSDTSV
Research Area	Developmental Biology
Source	E.coli
Target 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 Length	Partial
Image	

