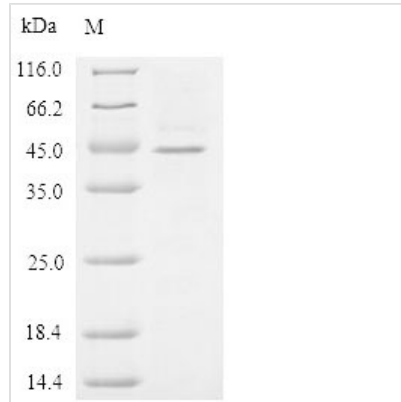




Recombinant Human Zona pellucida sperm-binding protein 3 (ZP3), partial

| | |
|--------------------------|---|
| Product Code | CSB-MP027121HU |
| 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 | QPLWLLQGGASHPETSVPVLEECQEATLMVMVSKDLFGTGKLIRAADLTLGP EACEPLVSMDET DVVRFVGLHECGNSMQVTDDALVYSTFLLHDPRPVG NLSI VRTNRAEIPICRYPRQGNVSSQAILPTWLPFRRTTVFSEEKLTFSRLMEENWN AEKRSPTFHLGDA AHLQAEIHTGSHVPLRLFVDHCVATPTPDQNASPYHTIVDF HGCLVDGLTDASSAFKVPRPGPDTLQFTVDVVFHFANDSRNMIYITCHLKVTLAE QDPDELNKACSF SKPSNSWFPVEGSADICQCCNKGDGTPSHSRRQPHVMS QWSRSASRNR RHVTEEADVTVGPLIFLDRRGDHEVEQWALPSDTSV |
| Research Area | Developmental Biology |
| Source | Mammalian cell |
| 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-Myc-tagged |
| Mol. Weight | 44.6kDa |
| Protein Length | partial |
| Image | |



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

Shelf Life

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