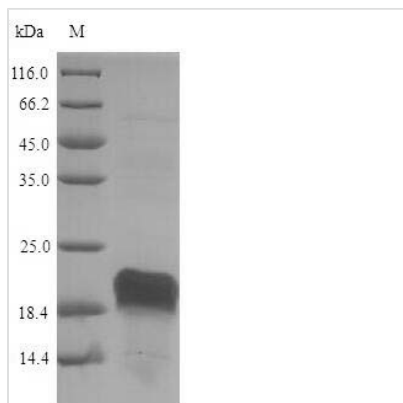




# Recombinant Pig Heat shock protein HSP 90-alpha (HSP90AA1), partial

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-BP010802PI   |
| <b>Relevance</b>         | Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function (By similarity). Binds bacterial lipopolysaccharide (LPS) et mediates LPS-induced inflammatory response, including TNF secretion (By similarity). |
| <b>Abbreviation</b>      | Recombinant Pig HSP90AA1 protein, partial  |
| <b>Storage</b>           | 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.  |
| <b>Uniprot No.</b>       | O02705   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Sus scrofa (Pig)   |
| <b>Purity</b>            | ≥ 90% as determined by SDS-PAGE.   |
| <b>Sequence</b>          | VEKERDKEVSDDEAEKEDKEEKEKEEKESEDKPEIEDVGSDEEEEEKKG<br>DKKKKKKIKEYIDQEELNKTPIWTRNPDDITNEEYGEFYKSLTNDWEDHLAV<br>KHFSVEGQLEFRALLFVPRRAPFDLFFENRKKKNNIKLYVR   |
| <b>Research Area</b>     | Signal Transduction  |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | HSP90AA1   |
| <b>Protein Names</b>     | Recommended name: Heat shock protein HSP 90-alpha  |
| <b>Expression Region</b> | 222-367aa  |
| <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>          | N-terminal 6xHis-tagged  |
| <b>Mol. Weight</b>       | 19.7kDa  |
| <b>Protein Length</b>    | Partial  |
| <b>Image</b>             |  |



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

### Reconstitution

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

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