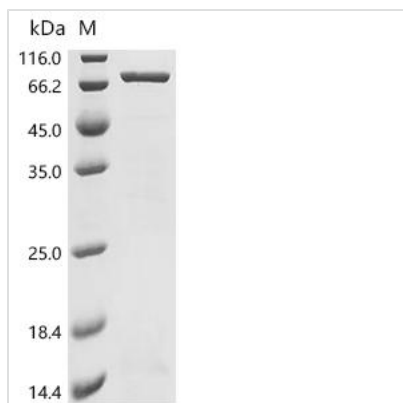




# Recombinant Mouse Endoplasmic reticulum chaperone BiP (Hspa5)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP010827MOc7   |
| <b>Abbreviation</b>      | Recombinant Mouse Hspa5 protein  |
| <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>       | P20029   |
| <b>Form</b>              | Liquid or Lyophilized powder   |
| <b>Storage Buffer</b>    | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.   |
| <b>Product Type</b>      | Recombinant Mouse Endoplasmic reticulum chaperone BiP (Hspa5)  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Sensitivity</b>       | Not Test   |
| <b>Purity</b>            | ≥ 85% as determined by SDS-PAGE.   |
| <b>Sequence</b>          | EEEDKKEDVGTVVGIDLGTTYSCVGVFKNGRVEIANDQGNRITPSYVAFTPEG<br>ERLIGDAAKNQLTSNPENTVFDARLIGRTWNDPSVQQDIKFLPFKVVKKTKP<br>YIQVDIGGGQTKTFAPEEISAMVLTKMKETAAYLGKKVTHAVVTPAYFNDAQ<br>RQATKDAGTIAGLNVMRIINEPTAAAIAYGLDKREGEKNILVFDLGGGTFDVSLL<br>TIDNGVFEVVATNGDTHLGGEDFDQRVMEHFILYKKKTGKDVVRKDNRAVQKL<br>RREVEKAKRALSSQHQARIEIESFFEGEDFSETLTRAKFEELNMDLFRSTMKPV<br>QKVLSDSLKKSIDEIVLVGGSTRIPKIQQLVKEFFNGKEPSRGINPDEAVAYG<br>AAVQAGVLSGDQDTGDLVLLDVCPLTLGIETVGGVMTKLIPRNTVVPTKKSQIF<br>STASDNQPTVTIKVYEGERPLTKDNHLLGTFDLTGIPPAPRGVPPQIEVTFEIDVN<br>GILRVTAEDKGTGNKNKITITNDQNRLTPEEIERMVNDAEKFAEEDKKLKERIDT<br>RNELESYAYSLSKNQIGDKEKLGKLSSEDKETMEKAVEEKIEWLESHQDADIE<br>DFKAKKKELEEIVQPIISKLYGSGGPPPTGEEDTSEKDEL |
| <b>Research Area</b>     | Tags & Cell Markers  |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | Hspa5  |
| <b>Expression Region</b> | 20-655aa   |
| <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>          | C-terminal 6xHis-tagged  |
| <b>Mol. Weight</b>       | 71.4 kDa   |

**Protein Length****Full Length of Mature Protein****Image**

(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**

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.