




# Recombinant Human Calcium homeostasis modulator protein 5 (CALHM5)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-CF818707HU   |
| <b>Abbreviation</b>      | Recombinant Human CALHM5 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?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.  |
| <b>Uniprot No.</b>       | Q8N5C1   |
| <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 Protein  |
| <b>Sensitivity</b>       | Not Test   |
| <b>Purity</b>            | ≥ 95% as determined by SDS-PAGE.   |
| <b>Sequence</b>          | MDAFQGILKFFLNQKTVIGYSFMALLTVGSERLFSVVAFKCPCSTENMTYGLVF<br>LFAPAWVLLILGFFLNNRSWRLFTGCCVNPRKIFPRGHSCRFFYVLGQITLSSL<br>VAPVMWLSVALLNGTFYECAMSGTRSSGLLELICKGKPKCEWHEELHKVSCGK<br>TSMLPTVNEELKLSLQAQSQILGWCLICSASFFSLLTTCYARCRSKVSYLQLSF<br>WKTYAQKEKEQLENTFLDYANKLSERNLKCFENKRPDPFPMPPTFAAWEAAS<br>ELHSFHQSQQHYSTLHRVVDNGLQLSPEDDETTMVLVGTAHNM |
| <b>Research Area</b>     | Cardiovascular   |
| <b>Source</b>            | in vitro E.coli expression system  |
| <b>Target Names</b>      | CALHM5   |
| <b>Expression Region</b> | 1-309aa  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.   |
| <b>Tag Info</b>          | N-terminal 10xHis-tagged   |
| <b>Mol. Weight</b>       | 36.7 kDa   |
| <b>Protein Length</b>    | Full Length  |
| <b>Image</b>             |  <p>(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.</p>  |
| <b>Reconstitution</b>    | 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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