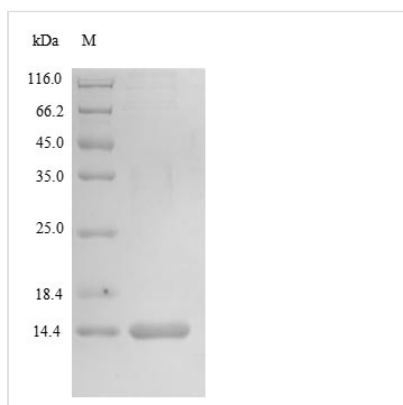




# Recombinant Human Matrix Gla protein (MGP)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP013789HUb1  |
| <b>Relevance</b>         | Associates with the organic matrix of bone and cartilage. Thought to act as an inhibitor of bone formation.   |
| <b>Abbreviation</b>      | Recombinant Human MGP 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>       | P08493  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | Greater than $\geq 90\%$ as determined by SDS-PAGE.   |
| <b>Sequence</b>          | YESHESMESYELNPFINRRNANTFISPQQRWRAKVQERIRERSKPVHELNREA<br>CDDYRLCERYAMVYGYNAAYNRYF   |
| <b>Research Area</b>     | Signal Transduction   |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | MGP   |
| <b>Protein Names</b>     | Cell growth-inhibiting gene 36 protein  |
| <b>Expression Region</b> | 20-96aa   |
| <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 10xHis-tagged and C-terminal Myc-tagged  |
| <b>Mol. Weight</b>       | 14.5 kDa  |
| <b>Protein Length</b>    | 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

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