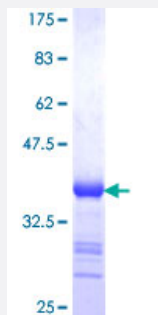


# CSRP3 (Human) Recombinant Protein (Q01)

Catalog # H00008048-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human CSRP3 partial ORF ( NP_003467, 95 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | SPKPARSVTTSNPSKFTAKFGESEKCPRCGKSVYAAEKVMGGGKPWHKTCFRCAICGKSLEST<br>NVTDKDGELYCKVCYAKNFGPTGIGFGGLTQQVEKKE |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                    |
| <b>Theoretical MW (kDa)</b>          | 36.74                                                                                                    |
| <b>Interspecies Antigen Sequence</b> | Mouse (97)                                                                                               |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                    |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                        |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                              |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                 |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — CSRP3

Entrez GeneID [8048](#)

GeneBank Accession# [NM\\_003476](#)

Protein Accession# [NP\\_003467](#)

Gene Name CSRP3

Gene Alias CLP, CMD1M, CMH12, CRP3, LMO4, MGC14488, MGC61993, MLP

Gene Description cysteine and glycine-rich protein 3 (cardiac LIM protein)

Omim ID [600824](#) [607482](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the CSRP family of LIM domain proteins, which may be involved in regulatory processes important for development and cellular differentiation. The LIM/double zinc-finger motif found in this protein is found in a group of proteins with critical functions in gene regulation, cell growth, and somatic differentiation. Mutations in this gene are thought to cause heritable forms of hypertrophic cardiomyopathy (HCM) and dilated cardiomyopathy (DCM) in humans. Alternatively spliced transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq]

**Other Designations** LIM domain only 4|cardiac LIM domain protein|cardiac LIM protein|cysteine and glycine-rich protein 3|cysteine-rich protein 3|muscle LIM protein

## Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)