

Recombinant Human CSRP3, T7 -tagged

Cat. No. CSRP3-26431TH Lot. No. (See product label)

SPECIFICATION

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|---------------------------|---|
| Product Overview | Recombinant full length protein, Human CSRP3 with an N-terminal T7 tag. |
| Species | Human |
| Source | E.coli |
| Description | 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. |
| Conjugation | T7 |
| Tissue specificity | Cardiac and slow-twitch skeletal muscles. |
| Form | Liquid |
| Purity | >95% by SDS-PAGE |
| Storage buffer | Preservative: 0.002% Sodium Azide Constituents: 10mM Tris, 10mM DTT, 0.1% Triton X-100, pH 8.0 |

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|------------------------------|---|
| Storage | Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles. |
| Sequence Similarities | Contains 2 LIM zinc-binding domains. |
| Full Length | Full L. |
| GENE INFORMATION | |
| Gene Name | CSRP3 cysteine and glycine-rich protein 3 (cardiac LIM protein) [Homo sapiens] |
| Official Symbol | CSRP3 |
| Synonyms | CSRP3; cysteine and glycine-rich protein 3 (cardiac LIM protein); cysteine and glycine-rich protein 3; CLP; CMD1M; MLP; |
| Gene ID | 8048 |
| mRNA Refseq | NM_001127656 |
| Protein Refseq | NP_001121128 |
| MIM | 600824 |
| Uniprot ID | P50461 |
| Chromosome Location | 11p15.1 |
| Function | metal ion binding; protein binding; zinc ion binding; |

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