

## Recombinant Human CSRP3 Protein, GST-tagged

Cat. No. CSRP3-2021H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CSRP3 full-length ORF ( AAH24010, 1 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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, Jul 2008]
<b>Molecular Mass</b>	47.08 kDa
<b>AA Sequence</b>	MPNWGGGAKCGACEKTVYHAEIQCNGRSFHKTCFHCMACRKALDSTTVAAHESE IYCKVCYGRRYGPKGIGYGQGAGCLSTDTGEHLGLQFQQSPKPARSVTTSNPSKFT AKFGESEKPCRGSVYAAEKVMGGGKPWHKTCFRCAICGKSLESTNVTDKDGEL YCKVCYAKNFGPTGIGFGGLTQQVEKKE
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CSRP3 cysteine and glycine-rich protein 3 (cardiac LIM protein) [ Homo sapiens ]
<b>Official Symbol</b>	CSRP3
<b>Synonyms</b>	CSRP3; cysteine and glycine-rich protein 3 (cardiac LIM protein); cysteine and glycine-rich protein 3; CLP; CMD1M; MLP; LIM domain only 4; muscle LIM protein; cardiac LIM domain protein; LIM domain protein, cardiac; CRP3; LMO4; CMH12; MGC14488; MGC61993;
<b>Gene ID</b>	8048
<b>mRNA Refseq</b>	NM_001127656
<b>Protein Refseq</b>	NP_001121128
<b>MIM</b>	600824
<b>UniProt ID</b>	P50461

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Quality Control**

**Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA