

Recombinant Human CSRP3 protein, GST-tagged

Cat. No. CSRP3-021H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSRP3 protein(1-194 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-194 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MPNWGGGAKCGACEKTVYHAEIQCNGRSFHKTCFHCMACRKALDSTTVAAHESE IYCKVCYGRRYGPKGIGYGQGAGCLSTDTGEHLGLQFQQSPKPARSVTTSNPSKFT AKFGESEKPCRCGKSVYAAEKVMGGGKPWHKTCFRCAICGKSLESTNVTDKDGEL YCKVCYAKNFGPTGIGFGGLTQQVEKKE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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; LIM domain only 4; muscle LIM protein; cardiac LIM domain protein; LIM domain protein, cardiac; CRP3; LMO4; CMH12; MGC14488; MGC61993;

Gene ID

8048

mRNA Refseq

NM_001127656

Protein Refseq

NP_001121128

MIM


600824

UniProt ID

P50461

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SDS-PAGE



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