Recombinant Human Cysteine and glycine-rich protein 3 (CSRP3)

Product Code	CSB-EP006087HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P50461
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MPNWGGGAKC GACEKTVYHA EEIQCNGRSF HKTCFHCMAC RKALDSTTVA AHESEIYCKV CYGRRYGPKG IGYGQGAGCL STDTGEHLGL QFQQSPKPAR SVTTSNPSKF TAKFGESEKC PRCGKSVYAA EKVMGGGKPW HKTCFRCAIC GKSLESTNVT DKDGELYCKV CYAKNFGPTG IGFGGLTQQV EKKE
Source	E.coli
Target Names	CSRP3
Protein Names	Recommended name: Cysteine and glycine-rich protein 3 Alternative name(s): Cardiac LIM protein Cysteine-rich protein 3 Short name= CRP3 LIM domain protein, cardiac Muscle LIM protein
Expression Region	1-194
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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	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.