



# Recombinant Human Cysteine and glycine-rich protein 2 (CSRP2)

<b>Product Code</b>	CSB-EP006084HU-B
<b>Abbreviation</b>	CSRP2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q16527
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPVWGGGNKC GACGRTVYHA EEVQCDGRSF HRCCFLCMVC RKNLDSTTVA IHDEEIYCKS CYGKKYGPKG YGYGQGAGTL NMDRGERLGI KPESVQPHRP TTNPNTSKFA QKYGGAEKCS RCGDSVYAAE KIIGAGKPWH KNCFRCAKCG KSLESTTLTE KEGEIYCKGC YAKNFGPKGF GYGQGAGALV HAQ
<b>Source</b>	E.coli
<b>Target Names</b>	CSRP2
<b>Protein Names</b>	Recommended name: Cysteine and glycine-rich protein 2 Alternative name(s): Cysteine-rich protein 2 Short name= CRP2 LIM domain only protein 5 Short name= LMO-5 Smooth muscle cell LIM protein Short name= SmLIM
<b>Expression Region</b>	1-193
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	CSRP2 is a member of the CSRP family of genes, encoding a group of LIM domain proteins, which may be involved in regulatory processes important for development and cellular differentiation. CRP2 contains two copies of the cysteine-rich amino acid sequence motif (LIM) with putative zinc-binding activity, and may be involved in regulating ordered cell growth. Other genes in the family include CSRP1 and CSRP3.
<b>Reconstitution</b>	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.



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