

## CSRP1 Protein, Mouse (His)

<b>Cat. No.:</b>	HY-P75695
<b>Synonyms:</b>	Cysteine and glycine-rich protein 1; CRP; CRP1; Csrp1
<b>Species:</b>	Mouse
<b>Source:</b>	E. coli
<b>Accession:</b>	P97315 (M1-E193)
<b>Gene ID:</b>	13007
<b>Molecular Weight:</b>	Approximately 23 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>           M P N W G G G K K C    G V C Q K T V Y F A    E E V Q C E G N S F    H K S C F L C M V C            K K N L D S T T V A    V H G E E I Y C K S    C Y G K K Y G P K G    Y G Y G Q G A G T L            S T D K G E S L G I    K H E E A P G H R P    T T N P N A S K F A    Q K I G G S E R C P            R C S Q A V Y A A E    K V I G A G K S W H    K S C F R C A K C G    K G L E S T T L A D            K D G E I Y C K G C    Y A K N F G P K G F    G F G Q G A G A L V    H S E         </p>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	<p>The CSRP1 protein emerges as a potential contributor to neuronal development, hinting at its involvement in the intricate processes that govern the formation and maturation of neurons. Notably, it engages in interactions with ASCC1, ASCC2, and TRIP4, suggesting a network of connections that may be crucial in orchestrating molecular events relevant to neuronal development. The interplay between CSRP1 and these associated proteins implies a regulatory role, opening avenues for further exploration into the specific mechanisms by which CSRP1 influences neuronal growth and differentiation. Unraveling the intricate dynamics of the CSRP1 interactions with ASCC1, ASCC2, and TRIP4 holds promise for advancing our understanding of the molecular landscape governing neuronal development, potentially paving the way for targeted</p>
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interventions in neurological contexts.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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