

Recombinant human CSRP2 protein

Catalog Number: ATGP1530

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-193aa

UniProt No.

Q16527

NCBI Accession No.

NP_001312.1

Alternative Names

cysteine and glycine-rich protein 2, CRP2, LMO5, SmLIM

PRODUCT SPECIFICATION

Molecular Weight

23.5 kDa (217aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 200mM NaCl

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CSRP2 (Cysteine and glycine-rich protein 2) is a member of the CSRP family, contains 2 LIM zinc-binding domains, which may be involved in regulatory processes important for development and cellular differentiation. This protein plays a role in the development of the embryonic vascular system. 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. Recombinant human CSRP2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional

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chromatography techniques.

Amino acid Sequence

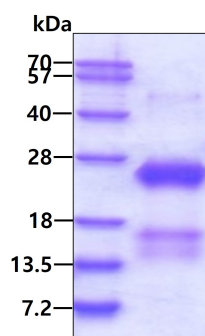
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TTVAIHDEEI YCKSCYGKKY GPKGYGYGQG AGTLNMDRGE RLGKIPESVQ PHRPTTNPNT SKFAQKYGGA EKCSRCGDSV
YAAEKIIGAG KPWHKNCFCRC AKCGKSLEST TLTEKEGEIY CKGCYAKNFG PKGFGYGQGA GALVHAQ

General References

Weiskirchen R, et al. (2000). Biochem. Biophys. Res. Commun. 274 (3): 655-63.
Jain MK, et al. (1996). J. Biol. Chem. 271 (17): 10194-9.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.