
Product Data Sheet

Product Name: CSRP2 Human
 Cat. No.: GP23248
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cysteine and glycine-rich protein 2; Smooth muscle cell LIM protein; LIM domain only 5 smooth muscle; SmLIM; LMO5; CRP2.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPVWGG GNKCGACGRT VYHAEVQCD GRSFHRCCFL CMVCRKNLDS TTVAIHDEEI YCKSCYGKKY GPKGYGYGQG AGTLNMDRGE RLGKIPESVQ PHRPTTNPNT SKFAQKYGGA EKCSRCGDSV YAAEKIIGAG KPWHKNCFRK AKCGKSLEST TLTEKEGEIY CKGCYAKNFG PKGFGYGQGA GALVHAQ		
Formulation	The CSRP2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 10% glycerol.		

Introduction

CSRP2 belongs to the CSRP family. CSRP2 holds 2 LIM zinc-binding domains that take part in regulatory processes essential for development and cellular differentiation. Additionally, CSRP2 is involved in the development of the embryonic vascular system.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CSRP2 Human Recombinant produced in E. coli is a single polypeptide chain containing 217 amino acids (1-193) and having a molecular mass of 23.5kDa. CSRP2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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