

Cysteine and Glycine-rich Protein 2 Human Recombinant

Item Number	rAP-3792
Synonyms	Cysteine and glycine-rich protein 2, Smooth muscle cell LIM protein, LIM domain only 5 smooth muscle, SmLIM, LMO5, CRP2.
Description	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.
Uniprot Accession Number	Q16527
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPVWGG GNKCGACGRT VYHAEVQCD GRSFHRCCFL CMVCRKNLDS TTVAIHDEEI YCKSCYGKKY GPKGYGYGQG AGTLNMDRGE RLGIKPEVQ PHRPPTT- NPNT SKFAQKYGGA EKSRCGDSV YAAEKIIGAG KPWHKNCFRK AKCGKSLEST TLTEKEGEIY CKGCYAKNFG PKGFGYGQGA GALVHAQ
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The CSRP2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**