Recombinant Human cold shock domain containing C2, RNA binding, His-tagged

Cat. No. CSDC2-549H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CSDC2, 1-153aa, Human His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-153 a.a.
Description	CSDC2, as known as cold shock domain-containing protein C2, is RNA-binding factor which binds specifically to the very 3"-UTR ends of both histone H1 and H3.3 mRNAs, encompassing the polyadenylation signal. The cold shock domain containing proteins (CSDPs) are one group of the evolutionarily conserved nucleic acid-binding proteins widely distributed in bacteria, plants, animals, and involved in various cellular processes, including adaptation to low temperature, cellular growth, nutrient stress and stationary phase. It may play a central role in the negative regulation of histone variant synthesis in the developing brain. Recombinant human CSDC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Molecular Mass	19.2 kDa(176aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTSESTS PPVVPPLHSP KSPVWPTFPF

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	HREGSRVWER GGVPPRDLPS PLPTKRTRTY SATARASAGP VFKGVCKQFS RSQGHGFITP ENGSEDIFVH VSDIEGEYVP VEGDEVTYKM CPIPPKNQKF QAVEVVLTQL APHTPHETWS GQVVGS
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	CSDC2 cold shock domain containing C2, RNA binding [Homo sapiens]
Official Symbol	CSDC2
Synonyms	CSDC2; cold shock domain containing C2, RNA binding; cold shock domain-containing protein C2; PIPPin; RNA-binding protein pippin; PIPPIN; dJ347H13.2;
Gene ID	27254
mRNA Refseq	NM_014460
Protein Refseq	NP_055275
UniProt ID	Q9Y534
Chromosome Location	22q13.2
Function	DNA binding; RNA binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA