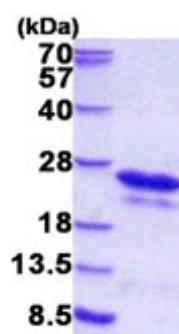


AR50888PU-N

Human CSDC2 (1-153, His-tag) - Purified

Alternate names:	Cold shock domain-containing protein C2, PIPPIN, RNA-binding protein PIPPIN
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q9Y534
NCBI:	NP_055275
GeneID:	27254
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Description:	Recombinant human CSDC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMTSESTS PPVVPPLHSP KSPVWPTFPF HREGSRVWER GGVPPRDLPs PLPTKRTRTY SATARASAGP VFkgvckQFS RSQGHGFITP ENGSEdIFVH VSDIEGEYVP VEGDEVtYKM CIPpKNQKF QAVEVVLtQL APHTPHETWS GQVVGS Molecular weight: 19.2 kDa (176aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Yang C. et al. (2012) PLoS One. 7:e32012Park SJ. et al. (2009) Plant Cell Physiol. 50:869-878

Pictures:



15% SDS-PAGE (3ug)