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32-3613: CSDC2 Recombinant Protein

Alternative Name : Cold shock domain-containing protein C2,RNA-binding protein PIPPin,PIPPIN,DJ347H13.2.

Description

Source : Escherichia Coli. CSDC2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 176 amino acids (1-153) and having a molecular mass of 19.2kDa. CSDC2 is fused to a 23 amino acid His-tag at N-terminus. Cold shock domain-containing protein C2 (CSDC2) is RNA-binding factor that binds specifically to the very 3'-UTR ends of both histone H1 and H3. 3 mRNAs encompass the polyadenylation signal. The CSDPs (cold shock domain containing proteins) are one group of the evolutionarily conserved nucleic acid-binding proteins extensively distributed in bacteria, plants, animals, and involved in a variety of cellular processes, including adaptation to low temperature, cellular growth, nutrient stress and stationary phase. CSDC2 has a central role in the negative regulation of histone variant synthesis in the developing brain.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The CSDC2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
Storage condition :	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.
Amino Acid :	MGSSHHHHHHSSGLVPRGSH MGSMTSESTSPPVVPPLHSP KSPVWPTFPF HREGSRVWER GGVPPRDLPS PLPTKRTRTY SATARASAGP VFKGVCKQFSRSQGHGFITP ENGSEDIFVH VSDIEGEYVP VEGDEVTYKM CPIPPKNQKF QAVEVVLTQL APHTPHETWSGQVVGS.

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