

32-3423: CARHSP1 Recombinant Protein

Alternative Name : Calcium-regulated heat stable protein 1, Calcium-regulated heat-stable protein of 24 kDa, CRHSP-24, CARHSP1, asCSDC1, MGC111446.

Description

Source : Escherichia Coli. CRAHSP1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 167 amino acids (1-147 a.a.) and having a molecular mass of 18kDa. The CRAHSP1 is purified by proprietary chromatographic techniques. CRAHSP1 is a serine phosphoprotein initially identified as a physiological substrate for the Ca^{2+} -calmodulin regulated protein phosphatase calcineurin (PP2B). CRAHSP1 interacts with the STYX/dead phosphate protein in developing spermatids and is a paralog of the brain-specific mRNA-binding protein PIPPIN. It is believed to have a common role in calcium-mediated signal transduction resulting from phosphorylation on serine residues.

Product Info

Amount : 10 μg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : The CRAHSP1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol and 0.1M NaCl.

Storage condition : CRAHSP1 should be stored desiccated below -18°C . For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MSSEPPPPQ PPTHQASVGL LDTPRSRERS PSPLRGNVVP SPLPTRRTRT FSATVRASQG PVYKGVCKCF CRSKGHGFI PADGGPDIFL HISDVEGEYV PVEGDEVYK MCSIPPKNEK LQAVEVVITH LAPGKHWETW SGHVISS.

