

CHRHSP1, 1-147aa, Human, His tag, E.coli

Cat.NO.: TP01615

3th Edition

Synonyms:Calcium-regulated heat stable protein 1, CRHSP-24, CSDC1, MGC111446

Description:CRAHSP1 is a serine phosphoprotein originally identified as a physiological substrate for the Ca²⁺-calmodulin regulated protein phosphatase calcineurin (PP2B). This protein interacts with the STYX/dead phosphate protein in developing spermatids and is a paralog of the brain-specific mRNA-binding protein PIPPIN.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

Molecular Weight:18.0 kDa (167aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSSEPPPPPQPPTHQASVGLLDTPRSRERSPSPLRGNVVPSPLPTRRTRTFSAT
VRASQGPVYKGVCKCFCRSKGHGFITPADGGPDIFLHISDVEGEYVPVEGDEVTYKMCSIPPKNEKLQAVEVVITHL
APGTKHETWSGHVISS

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by BCA)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.