

**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 Ca<sup>2+</sup>-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  
VRASQGPVYKGVCKCFCRSKGHGFITPADGGPDIFLHISDVEGEYVPVEGDEVITYKMCSIPPKNKLQAVEVVITHL  
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.