

**STAC, 1-402aa, Human, His tag, E.coli**

**Cat.NO.: TP04047**

3th Edition

**Synonyms:**SH3 and cysteine rich domain, STAC1

**Description:**STAC contains 1 phorbol-ester/DAG-type zinc finger and contains 1 SH3 domain. This protein is probably involved in a neuron-specific signal transduction. Recombinant human STAC protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**46.9 kDa (425aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMIPPSSPREDDGVDGLPKEAVGAEQPPSPASTSSQESKLQKLKRSLSFKTKS  
LRSKSADNFFQRTNSEDMLQAHMVAEISPSSSPLPAPGSLTSTPARAGLHPGGKAHAFQEYIFKKPTFCDCVNHM  
IVGTNAKHGLRCKACKMSIHHKCTDGLAPQRCMGKLPKGFRRYYSSPLLIHEQFGCIKEVMPIACGNKVDVPVYETLR  
FGTSLAQRTKKGSSGSGSDSPHRTSTSDLVEVPPEANGPGGGYDLRKRNSVFTYPENGTDDFRDPAKNINHQQ  
SLSKDPLQMNTYVALYKFPQENEDLEMRPGDIITLLEDSNEDWWKGKIQDRIGFFPANFVQRLQQNEKIFRCVRTF  
IGCKEQGQITLKENQICVSSEEEQDGFIRVLSGKKKGLIPLDVLENI

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**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.