

Recombinant human STAC protein

Catalog Number: ATGP2744

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-402aa

UniProt No.

Q99469

NCBI Accession No.

NP_003140

Alternative Names

SH3 and cysteine rich domain, STAC1

PRODUCT SPECIFICATION

Molecular Weight

46.9 kDa (425aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MIPPSSP REDGVDGLPK EAVGAEQPPS PASTSSQESK LQKLKRSLSF
KTKSLRSKSA DNFFQRTNSE DMKLQAHMVA EISPSSPLP APGSLTSTPA RAGLHPGGKA HAFQEYIFKK PTFCDVCNHM

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IVGTNAKHGL RCKACKMSIH HKCTDGLAPQ RCMGKLPKGF RRYSSPLLI HEQFGCIKEV MPIACGNKVD PVYETLRFGT
SLAQRTKKGS SGSGSDSPHR TSTSDLVEVP EEANGPGGGY DLRKRSNSVF TYPENGTDDF RDKPAKNINHQ GSLSKDPLQM
NTYVALYKFV PQENEDLEMR PGDIITLLED SNEDWWKGKI QDRIGFFPAN FVQRLQNEK IFRCVRTFIG CKEQGQITLK
ENQICVSSEE EQDGFIRVLS GKKKGLIPLD VLENI

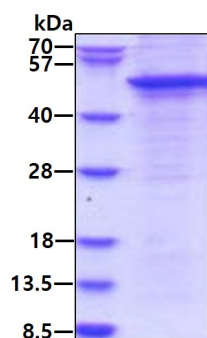
General References

Suzuki H., et al. (1996) Biochem. Biophys. Res. Commun. 229:902-909

Ota T., et al. (2004) Nat. Genet. 36:40-45

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain