

## Product datasheet for **TP305851**

### STAC (NM\_003149) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SH3 and cysteine rich domain (STAC), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205851 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MIPSSSPREDGVDGLPKEAVGAEQPPSPASTSSQESKLQKLKRSLSFKTKSLRSKSADNFFQRTNSED  
LQAHMVAEISPSSSPLPAPGSLTSTPARAGLHPGGKAHAFHEYIFKKPTFCDCVNHMIVGTNAKHGLRCK  
ACKMSIHHKCTDGLAPQRCMGKLPKGFRRYSSPLLIHEQFGCIKEMPIACGNKVPVYETLRFGTSLA  
QRTKKGSSGSGSDSPHRTSTDLVEVPEEANGPGGGYDLRKRSNSVFTYPENGTDDFRDPAKNINHQGS  
SKDPLQMNTYVALYKFVPQENEDLEM RPGDIITLLEDSNEDWWKGIQDRIGFFPANFVQRLQNEKIFR  
CVRTFIGCKEQGITLKENQICVSSEEEQDGFIRVLSGKKKGLIPLDVLENI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	44.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003140</a>
Locus ID:	6769



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UniProt ID: [Q8WUK8, Q99469](#)

RefSeq Size: 3098

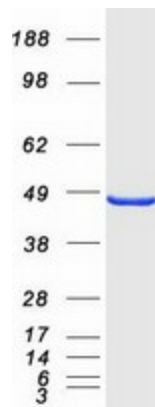
Cytogenetics: 3p22.3-p22.2

RefSeq ORF: 1206

Synonyms: STAC1

**Summary:** Promotes expression of the ion channel CACNA1H at the cell membrane, and thereby contributes to the regulation of channel activity. Plays a minor and redundant role in promoting the expression of calcium channel CACNA1S at the cell membrane, and thereby contributes to increased channel activity. Slows down the inactivation rate of the calcium channel CACNA1C.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified STAC protein (Cat# TP305851). The protein was produced from HEK293T cells transfected with STAC cDNA clone (Cat# [RC205851]) using MegaTran 2.0 (Cat# [TT210002]).