

SH3 And Cysteine Rich Domain Human Recombinant

Item Number	rAP-4188
Synonyms	SH3 and cysteine rich domain, STAC, STAC1, SH3 and cysteine-rich domain-containing protein, Src homology 3 and cysteine-rich domain-containing protein.
Description	STAC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 425 amino acids (1-402 a.a.) and having a molecular mass of 46.9kDa. STAC is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99469
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMIPPSSP REDGVDGLPK EAVGAEQPPS PASTSSQESK LQKLKRSLSF KTKSLRSKSA DNFFQRTNSE DMKLQAHMVA EISPSSSPLP APGSLTSTPA RAGLHPGG- KA HAFQEYIFKK PTFCDVCNHM IVGTNAKHGL RCKACKMSIH HKCTDGLAPQ RCMGKLPKGF RRYYSSPLLI HEQFGCIKEV MPIACGNKVD PVYETLRFGT SLAQRTKKGS SGSGSDSPHR TSTSDLVEVP EEANGPGGGY DLRKRSNSVF TYPENGTDDE RDKAKNINHQ GSKSKDPLQM NTYVALYKFV PQENEDLEMR PGDIITLLED SNEDWWKGKI QDRIGFFPAN FVQRLQQNEK IFRCVRTFIG
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	STAC protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**