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Product datasheet for AR51564PU-S

STAC (1-402, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	STAC (1-402, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMIPPSSP REDGVDGLPK EAVGAEQPPS PASTSSQESK LQKLKRSLSF KTKSLRSKSA DNFFQRTNSE DMKLQAHMVA EISPSSSPLP APGSLTSTPA RAGLHPGGKA HAFQEYIFKK PTFCDVCNHM IVGTNAKHGL RCKACKMSIH HKCTDGLAPQ RCMGKLPKGF RRYYSSPLLI HEQFGCIKEV MPIACGNKVD PVYETLRFGT SLAQRTKKGS SGSGSDSPHR TSTSDLVEVP EEANGPGGGY DLRKRSNSVF TYPENGTDDF RDPAKNINHQ GSLSKDPLQM NTYVALYKFV PQENEDLEMR PGDIITLLED SNEDWWKGKI QDRIGFFPAN FVQRLQQNEK IFRCVRTFIG CKEQGQITLK ENQICVSSEE EQDGFIRVLS GKKKGLIPLD VLENI
Tag:	His-tag
Predicted MW:	46.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human STAC protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001278978
Locus ID:	6769
UniProt ID:	E9PEA7, Q8WUK8, B4DR96
Cytogenetics:	3p22.3-p22.2
Synonyms:	STAC1

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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:

15% SDS-PAGE (3ug)