

Product datasheet for PH312302

STAC2 (NM_198993) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STAC2 MS Standard C13 and N15-labeled recombinant protein (NP_945344)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212302
Predicted MW:	44.8 kDa
Protein Sequence:	>RC212302 representing NM_198993 Red=Cloning site Green=Tags(s)

MTEMSEKENEPDDAATHSPPGTVSALQETKLQRFKRSLSLKTIILRSKSLNFFLRSGSELKCPTEVLLTP
PTPLPPSPPTASDRGLATPSPSPCPVPRPLAALKPVRLHSFQEHVFKRASPCQLIIVGNSKQGLR
CKMCKVSVHLWCSEEISHQQCPGKTSTSFRRNFSSPLLVEPPPVCATSKESPPTGDSGKVPVYETLRY
GTSALMNRSSFSTSESPTRSLSERDELTEDEGEGSIRSSEEGPGDSASPVFTAPAESEGGPEEKSPGQ
QLPKATLRKDVGPMYSYVALYKFLPQENNDLALQPGDRIMLVDDSNEDWWKGIKDRVGFPPANFVQVRV
PGENVWRCQPFSGNKEQGYMSLKENQICVGVGRSKDADGFIRVSSGKKRGLVPVDALTEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_945344
RefSeq Size:	3227
RefSeq ORF:	1233
Synonyms:	24b2; 24b2/STAC2
Locus ID:	342667



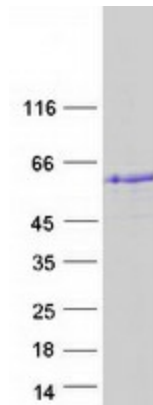
[View online »](#)

UniProt ID: [Q6ZMT1](#), [D0IN09](#)

Cytogenetics: 17q12

Summary: This gene encodes a protein containing an SH3 domain and a zinc finger domain. The encoded protein has been shown to regulate calcium channel inactivation in a human cell line. Reduced expression of this gene has been observed in human heart failure. [provided by RefSeq, May 2017]

Product images:



Coomassie blue staining of purified STAC2 protein (Cat# [TP312302]). The protein was produced from HEK293T cells transfected with STAC2 cDNA clone (Cat# [RC212302]) using MegaTran 2.0 (Cat# [TT210002]).