

## Product datasheet for PH304389

### SAV1 (NM\_021818) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SAV1 MS Standard C13 and N15-labeled recombinant protein (NP_068590)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204389
Predicted MW:	44.6 kDa
Protein Sequence:	>RC204389 protein sequence Red=Cloning site Green=Tags(s)  <p>MLSRKKTNEVSKPAEVQGKYVKKETSPLLRLMPSFIRHGPTIPRRTDICLPDSSPNAFSTSGDVVSRN          QSFLRTPIQRTPEIMRRESNRLSAPSYLARSLADVPREYGSSQSFVTEVSFAVENGDSGSRYYSDFNF          DGQRKRPLGDRAHEDYRYEYNHDLFQRMPQNQGRHASGIGRVAATSLGNLTNHGSEDLPPLPGWSVDWT          MRGRKYYIDHNTTTHWSHPLEREGLPPGWVESSEFGTYVDHTNKKAYRHPCAPSVPRYDQPPPVT          YQPQQTERNQSLLPANPYHTAEIPDWLQVYARAPVKYDHIKWFELQLADLDITYQGMLKLLFMKELEQI          VKMYEAYRQALLTELENRKORQQWYAQQHGKNF</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u><a href="#">NP_068590</a></u>
RefSeq Size:	3141
RefSeq ORF:	1149
Synonyms:	SAV; WW45; WWP4
Locus ID:	60485



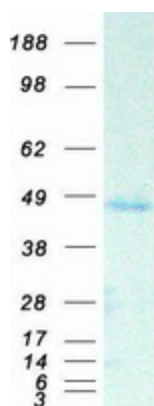
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UniProt ID: [Q9H4B6](#)

Cytogenetics: 14q22.1

**Summary:** WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein with two WW domains, a SARAH domain, and a coiled-coil region and is ubiquitously expressed in adult tissues. This protein binds to MST1 (mammalian sterile 20-like kinase 1) and promotes MST1-induced apoptosis. It has also been shown to bind to HAX1 (hematopoietic cell-specific protein 1 (HS1)-associated protein X-1) and to attenuate the anti-apoptotic effects of HAX1. Studies in human and mouse suggest this gene acts as a tumor suppressor. [provided by RefSeq, Aug 2012]

### Product images:



Coomassie blue staining of purified SAV1 protein (Cat# [TP304389]). The protein was produced from HEK293T cells transfected with SAV1 cDNA clone (Cat# [RC204389]) using MegaTran 2.0 (Cat# [TT210002]).