

## Product datasheet for TP309123M

### SSPN (NM\_005086) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sarcospan (Kras oncogene-associated gene) (SSPN), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209123 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGKKNKQPRGQQRQGGPPAADAAGPDDMEPKKGTGAPKECGEEEPRTCCGCRFLLLALLQLALGIAVTV V GFLMASISSLLVRDTPFWAGIIVCLVAYLGLFMLCVSYQVDERTCIQFSMKLLYFLLSALGLTVCVLAV AFAAHHYSQLTQFTCETTLDSCQCKLPSEPLSRFTVYRDVTDCTSVTGTFLKFLLIQMILNLVCGLVCL LACFVMWKHRYQVFYVGVVIRICSLTASEGPQQKI</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	26.4 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_005077</a>
Locus ID:	8082



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UniProt ID: [Q14714](#)  
RefSeq Size: 4547  
Cytogenetics: 12p12.1  
RefSeq ORF: 729  
Synonyms: DAGA5; KRAG; NSPN; SPN1; SPN2

**Summary:** This gene encodes a member of the dystrophin-glycoprotein complex (DGC). The DGC spans the sarcolemma and is comprised of dystrophin, syntrophin, alpha- and beta-dystroglycans and sarcoglycans. The DGC provides a structural link between the subsarcolemmal cytoskeleton and the extracellular matrix of muscle cells. Two alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Oct 2008]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified SSPN protein (Cat# [TP309123]). The protein was produced from HEK293T cells transfected with SSPN cDNA clone (Cat# [RC209123]) using MegaTran 2.0 (Cat# [TT210002]).