

Product datasheet for PH327888

SSPN (NM_001135823) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SSPN MS Standard C13 and N15-labeled recombinant protein (NP_001129295)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227888
Predicted MW:	26.62 kDa
Protein Sequence:	>RC227888 representing NM_001135823 Red=Cloning site Green=Tags(s) MGKNKQPRGQQRQGGPPAADAAGPDDMEPKKGTGAPKECGEEEPRTCCGCRFPLLALLQLALGIQAVTVV GFLMASISSLLVRDTPFWAGIIVCLVAYLGLFMLCVSYQVDERTCIQFSMKLLYFLLSALGLTVCVLAV AFAAHHYSQLTQFTCETTLDSCQCKLPSSSEPLSRTFVYRDVTDCTSVTGTGFKLFLLIQMI LNLCGLVCL LACFVMWKHRYQVFYVGVIRICSLTASEGPQQKI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_001129295
RefSeq ORF:	729
Synonyms:	DAGA5; KRAG; NSPN; SPN1; SPN2
Locus ID:	8082
UniProt ID:	Q14714
Cytogenetics:	12p12.1



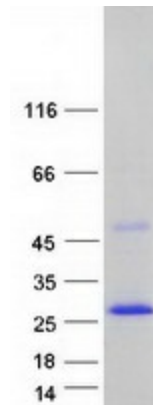
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Summary:

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# [TP327888]). The protein was produced from HEK293T cells transfected with SSPN cDNA clone (Cat# [RC227888]) using MegaTran 2.0 (Cat# [TT210002]).