

Recombinant Full Length Human SSPN Protein, C-Flag-tagged

Cat. No. SSPN-970HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SSPN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	26.4 kDa
AA Sequence	MGKNKQPRGQQRQGGPPAADAAGPDDMEPKKGTGAPKECGEEEPRTCCGCRFP LLLALLQLALGIAVTVV GFLMASISSLLVRDTPFWAGIIVCLVAYLGLFMLCVSYQVD ERTCIQFSMKLLYFLLSALGLTVCVLAV AFAAHHYSQLTQFTCETTLDSCQCKLPSS EPLSRTFVYRDVTDCTSVTGTGFKLFLLIQMILNLVCGLVCL LACFVMWKHRYQVFYVGVRICSLTASEGPQQKITRTRPLEQKLISEEDLAANDILDYK DDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SSPN sarcospan [Homo sapiens (human)]
Official Symbol	SSPN
Synonyms	KRAG; NSPN; SPN1; SPN2; DAGA5
Gene ID	8082
mRNA Refseq	NM_005086.5
Protein Refseq	NP_005077.2
MIM	601599

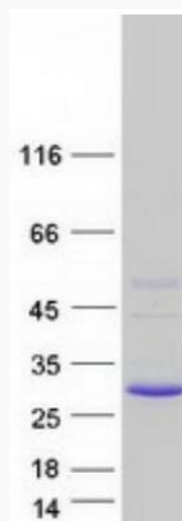
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UniProt ID

Q14714



Coomassie blue staining of purified SSPN protein.

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