

Recombinant Human SPRED1 protein, His-SUMO & Myc-tagged

Cat. No. SPRED1-4593H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPRED1 protein(Q7Z699)(2-444aa), fused to N-terminal His-SUMO tag and C-terminal Myc tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	2-444aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	70.3 kDa
AA Sequence	SEETATSDNDNSYARVRAVVMTRDDSSGGWLPLGGSGLSSTVFKVPHQEENGCA DFFIRGERLRDKMVVLECMKKDLIYNKVTPTFHHWKIDDKKFGTLFQSPADARAFD RGIRRAIEDISQGCPEKNEAEGADDLQANEEDSSSSLVKDHLFQQETVVTSEPYRS SNIRPSPFEDLNARRVYMQSQANQITFGQPGLDIQSRSM EYVQRQISKECGSLKSQ NRVPLKSIRHVSFQDEDEIVRINPRDILIRRYADYRHPDMWKNDLERDDADSSIQFSK PDSKKSDYLYSCGDETKLSSPKDSVVFKTQPSSLKIKKSKRRKEDGERSRCVYCQE RFNHEENVRGKCQDAPDPIKRCIYQVSCMLCAESMLYHCMSDSEGDFSDPCSCDT SDDKFCLRWLALVALSFIVPCMCCYVPLRMCHRCGEACGCCGGKHKAAG

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	SPRED1 sprouty-related, EVH1 domain containing 1 [Homo sapiens]
Official Symbol	SPRED1
Synonyms	SPRED1; sprouty-related, EVH1 domain containing 1; sprouty-related, EVH1 domain-containing protein 1; FLJ33903; hSpred1; spread-1; suppressor of Ras/MAPK activation; EVH1/Sprouty domain containing protein; NFLS;
Gene ID	161742
mRNA Refseq	NM_152594
Protein Refseq	NP_689807
MIM	609291
UniProt ID	Q7Z699

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