

Sprouty-Related EVH1 Domain Containing 1 Human Recombinant

Item Number	rAP-4230
Synonyms	Sprouty-Related EVH1 Domain Containing 1, SPRED1, Spred-1, hSpred1, NFLS.
Description	SPRED1 Human Recombinant produced in E. coli is a single polypeptide chain containing 467 amino acids (1-444) and having a molecular mass of 52.9kDa.SPRED1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q7Z699
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSEETAT SDNDNSYARV RAVVMTRDDS SGGWLPGGG GLSSVTVKV PHQEENGCAD FFIRGERLRD KMVVLECMK KDLIYNKVTP TFHHWKIDDK KFGLT- FQSPA DARAFDRGIR RAIEDISQGC PESKNEAEGA DDLQANEEDS SSSLVKDHLF QQETVVTSEP YRSSNIRPSP FEDLNARRVY MQSQANQITF GQPGLDIQSR SMEYVQRQIS KECGSLKSQN RVPLK- SIRHV SFQDEDEIVR INPRDILIRR YADYRHPDMW KNDLERDDAD SSIQFSKPDS KKS DYLYSCG DETKLSSPKD SVVFKTQPSS LKIKKSKRRK EDGERSRCVY CQERFNHEEN VRGKCQDAPD
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The SPRED1 solution (0.5mg/1ml) contains 20mM Tris-HCl (pH 8.0) and 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**