9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SPRED1 Human

Sprouty-Related EVH1 Domain Containing 1 Human Recombinant
RCP2228

Product Overview

Name	SPRED1 Human
Description	
Sprouty-Related EVH1 Domain Containing 1 Human Recombinant	
Accession (Primary)	Q7Z699
Synonyms	
Sprouty-Related EVH1 Domain Containing 1, SPRED1, Spred-1, hSpred1, NFLS.	
Introduction	
Sprouty-Related EVH1 Domain Containing 1, also known as SPRED1, is a part of the Sprouty family of proteins and is phosphorylated by tyrosine kinase. SPRED1 inhibits growth-factor-mediated activation of MAP kinase. SPRED1 plays a role as a homodimer or as a heterodimer with SPRED2 to regulate activation of the MAP kinase cascade. SPRED1 is a negative regulator of hematopoiesis of bone marrow.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The SPRED1 solution (0.5mg/1ml) contains 20mM Tris-HCl (pH 8.0) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSEETAT SDNDNSYARV RAVVMTRDDS SGGWLPLGGS GLSSVTVFKV PHQEENGCAD FFIRGERLRD KMVVLECMLK KDLIYNKVTP TFHHWKIDDK KFGLTFQSPA DARAFDRGIR RAIEDISQGC PESKNEAEGA DDLQANEEDS SSSLVKDHLF QQETVVTSEP YRSSNIRPSP FEDLNARRVY MQSQANQITF GQPGLDIQSR SMEYVQRQIS KECGSLKSQN RVPLKSIRHV SFQDEDEIVR INPRDILIRR YADYRHPDMW KNDLERDDAD SSIQFSKPDS KKSDYLYSCG DETKLSSPKD SVVFKTQPSS LKIKKSKRRK	

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EDGERSRCVY CQERFNHEEN VRGKCQDAPD PIKRCIYQVS CMLCAESMLY HCMSDSEGDF SDPCSCDTSD DKFCLRWLAL VALSFIVPCM CCYVPLRMCH RCGEACGCCG GKHKAAG.

Precautions

SPRED1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q7Z699)