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32-4948: Recombinant Human Sprouty-Related EVH1 Domain Containing 1

Alternative Name : Sprouty-Related EVH1 Domain Containing 1,SPRED1,Spred-1,hSpred1,NFLS.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	The SPRED1 solution (0.5mg/1ml) contains 20mM Tris-HCl (pH 8.0) and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSEETAT 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 EDGERSRCVY CQERFNHEEN VRGKCQDAPD PIKRCIYQVS CMLCAESMLY HCMSDSEGDF SDPCSCDTSD DKFCLRWLAL VALSFIVPCM CCYVPLRMCH RCGEACGCCG GKHKAAG.

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