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SPRED1, 1-444aa, Human, His tag, E.coli

产品货号: TP04022

第三版

别名: Sprouty-related, EVH1 domain-containing protein 1, hSpred1, NFLS, spread-1

描述: SPRED1 is a member of the Sprouty family of proteins and is phosphorylated by tyrosine kinase in response to several growth factors. This protein can act as a homodimer or as a heterodimer with SPRED2 to regulate activation of the MAP kinase cascade. Defects in this gene are a cause of neurofibromatosis type 1-like syndrome (NFLS). Recombinant human SPRED1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol

分子量: 52.9 kDa (467aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMSEETATSDNDNSYARVRAVVMTRDDSSGGWLPLGGSSVTVFKVPHQEENG  
CADFFIRGERLRDKMVVLECMKKDLIYNKVTPTFHHWKIDDKKFGLTFQSPADARAFDRGIRRAIEDISQGCPEKNEAE  
GADDLQANEEDSSSSLVKDHLFQQETVVTSEPYRSSNIRPSPFEDLNARRVYMQSQANQITFGQPGLDIQSRSMYVQRQIS  
KECGSLKSQNRVPLKSIRHVSFQDEDEIVRINPRDILIRRYADYRHPDMWKNDLERDDADSSIQFSKPDSKSDYLYSCGDE  
TKLSSPKDSVVFKTQPSSLKIKKSKRRKEDGERSRCVYCQERFNHEENVRGKQCQDAPDPIKRCIYQVSCMLCAESMLYHC  
MSDSEGDFSDPCSDTSDDKFCLRWLALVALSFIVPCMCCYVPLRMCHRCGEACGCCGGKHKAAG
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纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.