

## Product datasheet for AR51673PU-S

## SPRED1 (1-444, His-tag) Human Protein

## **Product data:**

## OriGene Technologies, Inc.

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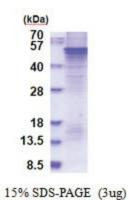
Product Type:	Recombinant Proteins
Description:	SPRED1 (1-444, His-tag) human recombinant protein, 50 μg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSEETAT SDNDNSYARV RAVVMTRDDS SGGWLPLGGS GLSSVTVFKV PHQEENGCAD FFIRGERLRD KMVVLECMLK KDLIYNKVTP 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
Tag:	His-tag
Predicted MW:	52.9 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SPRED1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 689807</u>
Locus ID:	161742
UniProt ID:	<u>Q7Z699</u>
Cytogenetics:	15q14



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	SPRED1 (1-444, His-tag) Human Protein – AR51673PU-S
Synonyms:	hSpred1; LGSS; NFLS; PPP1R147; spred-1
Summary:	The protein encoded by this gene is a member of the Sprouty family of proteins and is phosphorylated by tyrosine kinase in response to several growth factors. The encoded 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). [provided by RefSeq, Jul 2008]
Protein Pathway	s: Jak-STAT signaling pathway

Product images:



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