

Datasheet for ABIN7280801

SPRED1 Protein (AA 1-444) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | SPRED1 |
| Protein Characteristics: | AA 1-444 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SPRED1 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Sequence: | MGSSHHHHHH SSSLVPRGSH MGSMSEETAT SDNDNSYARV RAVVMTRDDS SGGWLPLGGS GLSSVTVFKV PHQEENGCAD FFIRGERLRD KMVVLECMK KDLIYNKVTP TFHHWKIDDK KFGLTFQSPA DARAFDRGIR RAIEDISQGC PESKNEAEGA DDLQANEEDS SSSLVKDHLF QQETVVTSEP YRSSNIRPSP FEDLNARRVY MQSQANQITF GQPGLDIQSR SMEYVQRQIS KECGSLKSQN RVPLKSIRHV SFQDEDEIVR INPRDILIRR YADYRHPDMW KNDLERDDAD SSIQFSKPD S KSDYLYSCG DETKLSSPKD SVFVKTPSS LKIKKSKRRK EDGERSRCVY CQERFNHEEN VRGKCQDAPD PIKRCIQVS CMLCAESMLY HCMSDSEGDF SDPCSCDTSD DKFCLRWLAL VALSFIVPCM CCYVPLRMCH RCGEACGCCG GKHKAAG |
| Purity: | > 80 % by SDS - PAGE |

Target Details

| | |
|---------|--------|
| Target: | SPRED1 |
|---------|--------|

Target Details

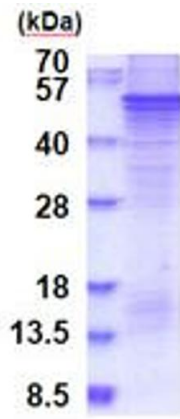
| | |
|-------------------|--|
| Alternative Name: | SPRED1 (SPRED1 Products) |
| Background: | SPRED1 is a member of the Sprouty family of proteins and is phosphorylated by tyrosine kinase in response to several growth factors. This protein can act as a homodimer or as a heterodimer with SPRED2 to regulate 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. |
| Molecular Weight: | 52.9 kDa (467aa) |
| NCBI Accession: | NP_689807 |
| UniProt: | Q7Z699 |
| Pathways: | Positive Regulation of Response to DNA Damage Stimulus |

Application Details

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|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Denatured |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|--|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Liquid. In 20 mM Tris-HCl (pH 8.0) containing 10 % glycerol |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.