

Recombinant Human SPRED2 protein, His & T7-tagged

Cat. No. SPRED2-1802H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPRED2 aa. (Met1~Ala418 (Accession # Q7Z698)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Ala418
Description	SPRED2 is a member of the Sprouty (see SPRY1; MIM 602465)/SPRED family of proteins that regulate growth factor-induced activation of the MAP kinase cascade (see MAPK1; MIM 176948) (Nonami et al., 2004 [PubMed 15465815]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 51.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.3

GENE INFORMATION

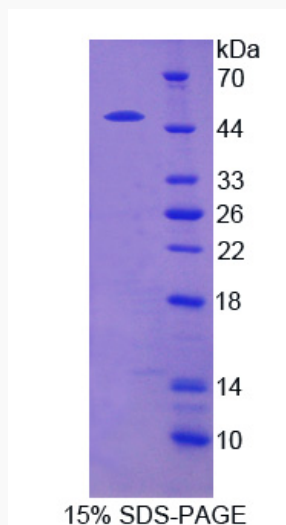
Gene Name	SPRED2 sprouty related EVH1 domain containing 2 [Homo sapiens (human)]
Official Symbol	SPRED2
Synonyms	SPRED2; sprouty related EVH1 domain containing 2; Spred-2; sprouty-related, EVH1 domain-containing protein 2; sprouty protein with EVH-1 domain 2, related sequence
Gene ID	200734
mRNA Refseq	NM_001128210.1
Protein Refseq	NP_001121682.1
UniProt ID	Q7Z698

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SDS-PAGE



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