

Product datasheet

Recombinant Human Sprouty 4/Spry-4 protein (denatured) ab171684

1 Image

Description

Product name	Recombinant Human Sprouty 4/Spry-4 protein (denatured)	
Purity	> 85 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	Q9C004	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEPIPIQ SAPLTPNSVM VQPLLSRMS HSRLQHPLTI LPIDQVKTSH VENDYIDNPS LALTTGPKRT RGGAPELAPT PARCDQDVTH HWISFSGRPS SVSSSSSTSS DQRLLDHMAP PPVADQASPR AVRIQPKVVH CQPLDLKGPA VPPELDKHFL LCEACGKCKC KECASPR TLP SCWVCNQECL CSAQTLVNYG TCMCLVQGIF YHCTNEDDEG SCADHPCSCS RSNCCARWSF MGALSVVLPC LLCYLPATGC VKLAQRGYDR LRRPGCRCKH TNSVICKAAS GDAKTSRPDK PF	
Predicted molecular weight	35 kDa including tags	
Amino acids	1 to 299	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab171684** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

Additional notes

Previously labelled as Sprouty 4.

Preparation and Storage**Stability and Storage**

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info**Function**

Suppresses the insulin receptor and EGFR-transduced MAPK signaling pathway, but does not inhibit MAPK activation by a constitutively active mutant Ras. Probably impairs the formation of GTP-Ras.

Sequence similarities

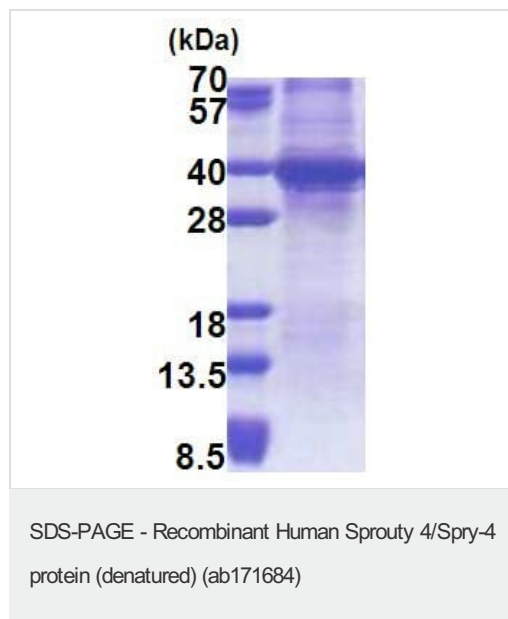
Belongs to the sprouty family.
Contains 1 SPR (sprouty) domain.

Domain

The Cys-rich domain is responsible for the localization of the protein to the membrane ruffles.

Cellular localization

Cytoplasm. Cell projection > ruffle membrane.

Images

15% SDS-PAGE analysis of ab171684 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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