

Product datasheet

Recombinant Human DOCK7 protein ab132790

1 Image

Overview

<b>Product name</b>	Recombinant Human DOCK7 protein
<b>Protein length</b>	Protein fragment

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">Q96N67-2</a>
<b>Species</b>	Human

<b>Sequence</b>	<p>MACNQSAVYLQHC FATQRALVSKFPELLFEEETEQCA          DLCLRLLRHCSSS          IGTIRSHASASLYLLMRQNFEIGNNFARVKMQVTMSLSS          LVGTSQNFNEE          FLRRSLKTILTYAEEDLELRETTFPDQVQDLVFNLMIL          SDTVKMKEHQE          DPEMLIDL MYRIAKGYQTSPDLRLTWLQNMAGKHSER          SNHAEAAQCLVHS          AALVAEYLSMLEDRKYL PVGCVTFQNISSNVLEESAVS          DDVVSPDEEGIC          SGKYFTESGLVGLLEQAAASF SMAGMYEAVNEVYKVL          IPIHEANRDAKKL          STIHGKLQEA FSKVHQDGKRMFGTYFRVGFYGTKFGD          LDEQEFVYKEPA          ITKLAEISHRLEGFYGERFGEDVVEVIKDSNPVDKCKL          DPNKAYIQITYV          EPYFDTYEMKDRITYFDKNYNLRRFMYCTPFTLDGRAH          GELHEQFKRKT I          LTTSHAFPYIKTRVNVTHKEE IILTPIEVAIEDMQKKTQEL          AFATHQDPA          DPKMLQMVLQGSVGT TVNQGPLEVAQVFLSEIPSDPK          LFRHHNKLRLCFK          DFTKRCE DALRKNKSLIGPDQKEYQRELERNYHRLKE          ALQPLINRKIPQL YKAVLPV TCHRDSFSRMSLRKMDL</p>
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<b>Molecular weight</b>	98 kDa including tags
<b>Amino acids</b>	1506 to 2129

## Specifications

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Our [Abpromise guarantee](#) covers the use of **ab132790** in the following tested applications.

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

<b>Applications</b>	ELISA SDS-PAGE Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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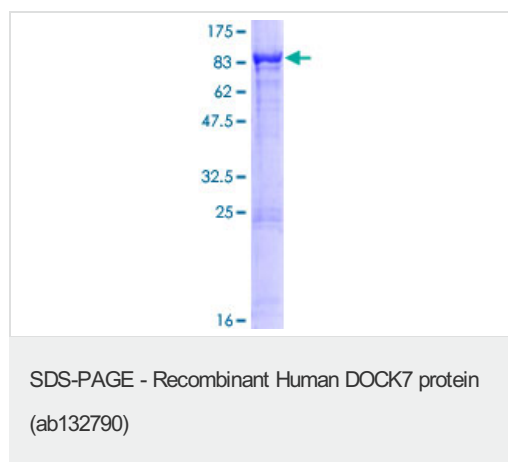
## General Info

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<b>Relevance</b>	DOCK7 functions as a guanine nucleotide exchange factor (GEF), which activates Rac1 and Rac3 Rho small GTPases by exchanging bound GDP for free GTP. It does not have a GEF activity for CDC42. It is required for STMN1 'Ser-15' phosphorylation during axon formation and consequently for neuronal polarization.
<b>Cellular localization</b>	Cell projection, axon. Note=Enriched in the developing axons of hippocampal neurons.

## Images

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12.5% SDS-PAGE analysis of ab132790 stained with Coomassie Blue.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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