

Product datasheet

Recombinant Human ANKRD17 protein ab161887

1 Image

Overview

Product name	Recombinant Human ANKRD17 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human

Sequence	<p>MEKATVPVAAATAAEGEGSPPAVAAVAGPPAAAEEVG GGVGGSSRARSASS PRGMVRVCDLLLKKKPPQQQHHKAKRNRTCRRPPSSS ESSSDSDNSGGGGG GGGGGGGGGGTSSNNSEEEEDDDDEEEEVSEVESFI LDQDDLENPMLETA SKLLSGTADGADLRTPETQARLEALLEAAGIGKLS TADGKAFADPEV LRRLTSSVSCALDEAAAALTRMRAESTANAGQSDNRS LAEACSEGDVNAV RKLLIEGRSVNEHTEEGESLLCLACSAGYYELAQVLLA MHANVEDRGIK DITPLMAAANGGHVKVKKLLLAHKADVNAQSSTGNTAL TYACAGGYVDVV KVLLESGASIEDHNENGTPLMEAGSAGHVEVARLLL ENGAGINTHSNEF KESALTLACYKGHLEMVRFLEAGADQEHTDEMHTA LMEACMDGHVEVA RLLLDSGAQVNMPADSFESPLTLAACGGHVELAALLIE RGASLEEVNDEG YTPLMEAAREGHEEMVALLLGGGANINAQTEETQETAL TLACCGGFLEVA DFLIKAGADIELGCSTPLMEEAQEGHLELVKYLLAAGA NVHATTATGDTA LTYACENGTADVADVLLQAGADLEHESEGGRTPLMKA ARAGHVCTVQFLI</p>
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SKGANVNRRTANNDHTVLSLACAGGHLAVVELLLAHG
ADPTHRLKDGSTM
LIEAAKGGHTSVVCYLLDYPNLLSAPPPDVTQLTPPS
HDLTDNIFPRLV C

Amino acids 1 to 751
Tags proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab161887** in the following tested applications.

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

Applications Western blot
ELISA
Form Liquid
Additional notes Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage 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

General Info

Function Could play pivotal roles in cell cycle and DNA regulation (PubMed:19150984). Involved in innate immune defense against virus by positively regulating the viral dsRNA receptors DDX58 and IFIH1 signaling pathways (PubMed:22328336). Involves in NOD2- and NOD1-mediated responses to bacteria suggesting a role in innate antibacterial immune pathways too (PubMed:23711367). Target of enterovirus 71 which is the major etiological agent of HFMD (hand, foot and mouth disease) (PubMed:17276651). Could play a central role for the formation and/or maintenance of the blood vessels of the circulation system.

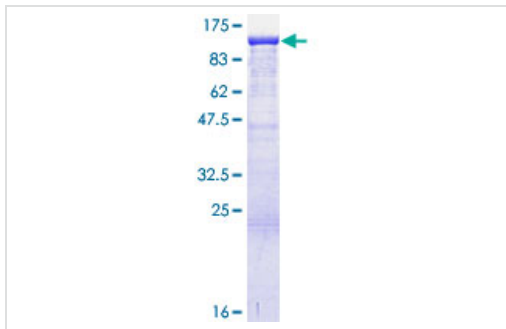
Tissue specificity Ubiquitously expressed.

Sequence similarities Contains 25 ANK repeats.
Contains 1 KH domain.

Post-translational modifications Phosphorylated by CDK2.

Cellular localization Cytoplasm. Nucleus. Detected around the nucleolus. Localized on chromatin in a cell cycle-dependent manner.

Images



ab161887 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human ANKRD17
protein (ab161887)

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