

Recombinant Full Length Human ANKRD17 Protein, GST-tagged

Cat. No. ANKRD17-1178HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANKRD17 full-length ORF (AAH43394.1, 1 a.a. - 751 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	751 amino acids
Description	The protein encoded by this gene belongs to the family of ankyrin repeat-containing proteins, and contains two distinct arrays of ankyrin repeats in its amino-terminal region, one with 15 ankyrin repeats, and the other with 10 ankyrin repeats. It also contains a nuclear export signal, nuclear localization signal, and a cyclin-binding RXL motif. Localization of this protein to the nucleus has been shown experimentally, and interactions between this protein and cyclin-dependent kinase 2 have been observed. It has been suggested that this protein plays a role in both DNA replication and in both anti-viral and anti-bacterial innate immune pathways. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]
Molecular Mass	104.2 kDa
AA Sequence	MEKATVPVAA ATAAEGEGSP PAVAAVAGPP AAAEVGGGVG GSSRARSASS PRGMVRVCDL LLKKKPPQQQ HHKAKRNRTC RPPSSSESSS DSDNSGGGGG

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GGGGGGGGGG TSSNNSEEEE DDDDEEEVSV EVESFILDQD DLENPMLETA
 SKLLLSGTAD GADLRTVDPE TQARLEALLE AAGIGKLSTA DGKAFADPEV
 LRRLTSSVSC ALDEAAAALT RMRAESTANA GQSDNRSLAE ACSEGDVNAV
 RKLLIEGRSV NEHTEEGESL LCLACSAGYY ELAQVLLAMH ANVEDRGIK
 DITPLMAAAN GGHVKIVKLL LAHKADVNAQ SSTGNTALTY ACAGGYVDVV
 KVLLESGASI EDHNENGHTP LMEAGSAGHV EVARLLLENG AGINTHSNEF
 KESALTLACY KGHLEMVRFL LEAGADQEHK TDEMHTALME ACMDGHVEVA
 RLLLDGAQV NMPADSFESP LTLAACGGHV ELAALLIERG ASLEEVNDEG
 YTPLMEAARE GHEEMVALLL GQGANINAQT EETQETALT ACCGGFLEVA
 DFLIKAGADI ELGCSTPLME AAQEGHLELV KYLLAAGANV HATTATGDTA
 LTYACENGHT DVADVLLQAG ADLEHESEGG RTPLMKAARA GHVCTVQFLI
 SKGANVNRTT ANNDHTVLSL ACAGGHLAVV ELLLAHGADP THRLKDGSTM
 LIEAAKGGHT SVVCYLLDYP NNLLSAPPPD VTQLTPPSHD LTDNIFPRLV C

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ANKRD17 ankyrin repeat domain 17 \[Homo sapiens \]](#)

Official Symbol

[ANKRD17](#)

Synonyms

ANKRD17; ankyrin repeat domain 17; ankyrin repeat domain-containing protein 17;
 FLJ22206; GTAR; KIAA0697; NY BR 16; gene trap ankyrin repeat protein;
 serologically defined breast cancer antigen NY-BR-16; NY-BR-16

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Gene ID	26057
mRNA Refseq	NM_032217
Protein Refseq	NP_115593
MIM	615929
UniProt ID	O75179

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