

# Recombinant Full Length Human ANKRD17 Protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ANKRD17 full-length ORF ( AAH43394.1, 1 a.a. - 751 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 751 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | <p>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]</p> |
| <b>Molecular Mass</b>   | 104.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MEKATVPVAA ATAAEGEGSP PAVAAVAGPP AAAEVGGGVG GSSRARSASS<br>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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