

Recombinant Human ANKRD17 protein, GST-tagged

Cat. No. ANKRD17-578H **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	Wheat Germ
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	MEKATVPVAAATAAEGEGSPPAVAAVAGPPAAAEVGGGVGGSSRARSASSPRGM VRVCDLLKKKPPQQQHHKAKRNRTCRRPSSSESSSDSDNSGGGGGGGGGGGGG GGGTSSNNSEEEEDDDDEEEVSEVESFILDQDDLENPMLTASKLLLSGTADGAD LRTVDPETQARLEALLEAAGIGKLSTADGKAFADPEVLRRLTSSVSCALDEAAAALTR

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MRAESTANAGQSDNRS LAEACSEGDVNAVRKLLIEGRSVNEHTEEGESLLCLACSA
 GYYELAQVLLAMHANVEDRGIKGDITPLMAAANGGHVKIVKLLLAHKADVNAQSSTG
 NTALTYACAGGYVDVVKVLLESGASIEDHNENGHTPLMEAGSAGHVEVARLLENG
 AGINTHSNEFKESALTLACYKGHLEMVRFLEAGADQEHTDEMHTALMEACMDGH
 VEVARLLLD SGAQVNMPADSFESPLTLAACGGHVELAALLIERGASLEEVNDEGYTP
 LMEAAREGHEEMVALLLGQGANINAQTEETQETALTLACCGGFLEVADFLIKAGADI
 ELGCSTPLMEAAQEGHLELVKYLLAAGANVHATTATGDTALTYACENGHTDVADVLL
 QAGADLEHESEGGRTPLMKAARAGHVCTVQFLISKGANVNRRTANNDHTVLSLACA
 GGHLAVVELLLAHGADPTHRLKDGSTMLIEAAKGGHTSVVCYLLDYPNNLLSAPPPD
 VTQLTPPSHDLTDNIFPRLVC

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

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;

Gene ID

[26057](#)

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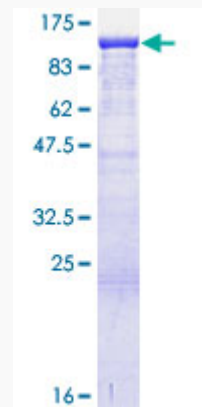
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mRNA Refseq [NM_032217](#)

Protein Refseq [NP_115593](#)

MIM [615929](#)

UniProt ID [O75179](#)



12.5% SDS-PAGE Stained with Coomassie Blue.

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