

Recombinant Full Length Human ATRIP Protein, GST-tagged

Cat. No. ATRIP-1472HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATRIP full-length ORF (ABM86364.1, 1 a.a. - 671 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	671 amino acids
Description	This gene encodes an essential component of the DNA damage checkpoint. The encoded protein binds to single-stranded DNA coated with replication protein A. The protein also interacts with the ataxia telangiectasia and Rad3 related protein kinase, resulting in its accumulation at intranuclear foci induced by DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2012]
Molecular Mass	100.21 kDa
AA Sequence	MSKNPSGKNR ETVPIKDNFE LEVLQAQYKE LKEKMKVMEE EVLIKNGEIK ILRDSLHQTE SVLEEQRRSH FLLEQEKTA LSDKEKEFSK KLQSLQSELQ FKDAEMNELR TKLQTSERAN KLAAPSVSHV SPRKNPSVVI KPEACSPQFG KTSFPTKESF SANMSLPHPC QTESGYKPLV GREDSKLHSL RGDSIKQEEA QKSFVDSWRQ RSNTQGSILI NLLLKQPLIP GSSLSLCHLL SSSSESPAGT PLQPPGFGST LAGMSGLRTT GSYDGSFSL ALREAQNLA TGLNLVARNE CSRGDPAEG GRRAFPLCQL PGAVHFLPLV QFFIGLHCQA LQDLAAAKRS

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GAPGDSPTHS SCVSSGVETN PEDSVCILEG FSVTALSILQ HLVCHSGAVV
 SLLLSGVGAD SAAGEGNRSL VHRLSDGDMT SALRGVADDQ GQHPLLKMLL
 HLLAFSSAAT GHLQASVLTQ CLKVLVKLAE NTSCDFLPRF QCVFQVLPKC
 LSPETPLPSV LLAVELLSLL ADHDQLAPQL CSHSEGCLLL LLYMYITSRP
 DRVALETQWL QLEQEVVRAL TVMLHRQWLT VRRAGGPPRT DQQRRTVRCL
 RDTVLLHGL SQKDKLFMMH CVEVLHQFDQ VMPGVSMILR GLPDVTDCEE
 AALDDLCAAE TDVEDPEVEC G

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

[ATRIP ATR interacting protein \[Homo sapiens \]](#)

Official Symbol

[ATRIP](#)

Synonyms

ATRIP; ATR interacting protein; ATR-interacting protein; FLJ12343; MGC20625;
 MGC21482; MGC26740; ATM and Rad3-related-interacting protein; DKFZp762J2115

Gene ID

[84126](#)

mRNA Refseq

[NM_032166](#)

Protein Refseq

[NP_115542](#)

MIM

[606605](#)

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