

Recombinant Human ATRIP protein, GST-tagged

Cat. No. ATRIP-1027H **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	Wheat Germ
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	MSKNPSGKNRETVPIKDNFELEVLQAQYKELKEKMKVMEEVLIKNGEIKILRDSLHQ TESVLEEQRSHFLLEQEKQALSDKEKEFSKKLQSLQSELQFKDAEMNELRTKLQT SERANKLAAPSVSHVSPRKNPSVVIKPEACSPQFGKTSFPTKESFSANMSLPHPCQ TESGYKPLVGREDSKLHSLRGDSIKQEEAQKSFVDSWRQRSNTQGSILINLLKQPLI PGSSLSLCHLLSSSSSESPAGTPLQPPGFGSTLAGMSGRLTTGSYDGSFSLSALREA QNLAFTGLNLVARNECSRGDPAEGGRRAPLCQLPGAVHFLPLVQFFIGLHCQAL QDLAAAKRSGAPGDSPTHSSCVSSGVETNPEDSVCILEGFSVTALSILQHLVCHSGA VVSLLSGVGADSAAGEGNRSLVHRLSDGDMTSALRGVADDQGQHPLLKMLLHLLA

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FSSAATGHLQASVLTQCLKVLVKLAENTSCDFLPRFQCVFQVLPKCLSPETPLPSVLL
 AVELLSLLADHDQLAPQLCSHSEGCLLLLLLYMYITSRPDRVALETQWLQLEQEVVRA
 LTVMLHRQWLTVRRAGGPPRTDQQRRTVRCLRDTVLLHGLSQDKKLFMMHCVEV
 LHQFDQVMPGVSMILIRGLPDVTDCEEALDDLCAAETDVEDPEVECG

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

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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UniProt ID

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