

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	<p>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]</p>
Molecular Mass	100.21 kDa
AA Sequence	<p>MSKNPSGKNRETVPIKDNFELEVLQAQYKELKEKMKVMEEVLIKNGEIKILRDSLHQ TESVLEEQRSSHFLLEQEKTQALSDKEKEFSKQLQSELQFKDAEMNELRRTLQT SERANKLAAPSVSHVSPRKNPSVVIKPEACSPQFGKTSFPTKESFSANMSLPHPCQ TESGYKPLVGREDSKLSLHSLRGDSIKQEEAQS FVDSWRQRSNTQGSILINLLKQPLI PGSSLSLCHLLSSSSSESPAGTPLQPPGFGSTLAGMSGLRTTGSYDGSFSLSALREA QNLAFTGLNLVARNECSRGDPAEGGRRAPLCQLPGAVHFLPLVQFFIGLHCQAL QDLAAAKRSGAPGDSPTHSSCVSSGVETNPEDSV CILEGFSVTALSILQHLVCHSGA VVSLLLSGVGADSAAGEGNRSLVHRLSDGDMTSALRGVADDQGQHPLLKMLLHLLA</p>

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FSSAATGHLQASVLTQCLKVLVKLAENTSCDFLPRFQCQVFPKCLSPETPLPSVLL
 AVELLSLLADHDQLAPQLCSHSEGCLLLLLLYMITSRPDRVALETQWLQLEQEVVRA
 LTVMLHRQWLTVRRAGGPPRTDQQRRTVRCLRDTVLLHGLSQDKLMMHCVEV
 LHQFDQVMPGVSMIRGLPDVTDCEEAAALDDLCAAETDVEDPEVECG

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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