

Recombinant Human ATRIP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATRIP-3456H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ATRIP MS Standard C13 and N15-labeled recombinant protein (NP_569055) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

85.7 kDa

AA Sequence

MAGTSAPGSKRRSEPPAPRPGPPPGTGHPPSKRARGFSAAAAPDPDDPFGAHGD
 FTADDLEELDTLASQALSQCPAAARDVSSDHKVHRLLDGMSKNPSGKNRETVPIKD
 NFELEVLQAQYKELKEKMKVMEEVLIKNGEIKILRDSLHQTESVLEEQRSSHFLLEQ
 EKTQALSDKEKEFSKKLQSLQSELQFKDAEMNELRCLKQTSERANKLAAPSVSHVS
 PRKNPSVVIKPEACSPQFGKTSFPTKESFSANMSLPHPCQTESGYKPLVGREDSKP
 HSLRGDSIKQEEAQKSFVDSWRQRSNTQGSILINLLLKQPLIPGSSLSLCHLLSSSSE
 SPAGTPLQPPGFGSTLAGMSGLRTTGSYDGSFSLALREAQNLAFTGLNLVARNEC
 SRDGDPAEGGRRAPLPCQLPGAVHFLPLVQFFIGLHCQALQDLAAAKRSGAPGDSP

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THSSCVSSGVETNPEDSVCILEGFSVTALSILQHLVCHSGAVVSLLLSGVGADSAAG
 EGNRSLVHRLSDGDMTSALRGVADDQGGHPLLKMLLHLLAFSSAATGHLQASVLTQ
 CLKVLVKLAENTSCDFLPRFQCVFQVLPKCLSPETPLPSVLLAVELLSLLADHDQLAP
 QLCSEHSEGLLLLLLYMYITSRPDRVALETQWLQLEQEVVWLLAKLGVQSPLPPVTGS
 NCQCNVEVVRALTVMLHRQWLTVRRAGGPPRTDQQRRTVRCLRDTVLLHGLSQK
 DKLFMMHCVEVLHQFDQVMPGVSMILIRGLPDVTDCEEAAALDDLCAAETDVEDPEVE
 CGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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](#)

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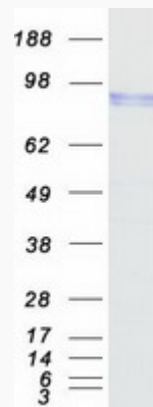
mRNA Refseq [NM_130384](#)

Protein Refseq [NP_569055](#)

MIM [606605](#)

UniProt ID [Q8WXE1](#)

SDS-PAGE



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