

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 FTADDLEELDTLASQALSQCPAAARDVSSDHKVRLLDGMSKNPSGKNRETVPKID NFELEVLQAQYKELKEKMKVMEEVLIKNGEIKILRDSLHQTESVLEEQRSSHFLLEQ EKTQALSDKEKEFSKKLQSLQSELQFKDAEMNELRTKLQTSERANKLAAPSVSHVS PRKNPSVVIKPEACSPQFGKTSFPTKESFSANMSLPHPCQTESGYKPLVGREDSPK HSLRGDSIKQEEAQKSFVDSWRQRSNTQGSILINLLLKQPLIPGSSLSLCHLLSSSSE SPAGTPLQPPGFGSTLAGMSGRLRTTGSYDGSFSLALREAQNLAFTGLNLVARNEC SRDGDPAEGGRRAPPLCQLPGAVHFLPLVQFFIGLHCQALQDLAAAKRSGAPGDSP

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THSSCVSSGVETNPEDSVCILEGFSVTALSILQHLVCHSGAVVSLLLSGVGADSAAG
 EGNRSLVHRLSDGDMTSALRGVADDQGQHPLLKMLLHLLAFSSAATGHLQASVLTQ
 CLKVLVKLAENTSCDFLPRFQCVFQVLPKCLSPETPLPSVLLAVELLSLLADHDQLAP
 QLCSEHSEGLLLLLLYMYITSRPDRVALETQWLQLEQEVVWLLAKLGVQSPLPPVTGS
 NCQCNVEVVRALTVMLEHRQWLTVRRAGGPPRTDQQRRTVRCLRDTVLLHGLSQK
 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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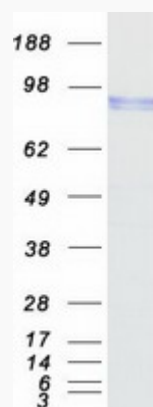
mRNA Refseq NM_130384

Protein Refseq NP_569055

MIM 606605

UniProt ID Q8WXE1

SDS-PAGE



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