

Recombinant Full Length Human ATRIP Protein, C-Flag-tagged

Cat. No. ATRIP-1335HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ATRIP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	85.7 kDa
AA Sequence	MAGTSAPGSKRRSEPPAPRPGPPPGTGHPPSKRARGFSAAAAPDPDDPFGAHGD FTADDLEELDTLASQA LSQCPAAARDVSSDHKVRLLDGM SKNPSGKNRETVPKID NFELEVLQAQYKELKEKMKVMEEVLIKNG EIKILRDSLHQTESVLEEQRSSHFLLE QEK TQALSDKEKEFSKKLQSLQSELQFKDAEMNELRTKLQTSE RANKLAAPSVSHV SPRKNPSVVIKPEACSPQFGKTSFPTKESFSANMSLPHPCQTESGYKPLVGREDSK P HSLRGDSIKQEEAQKSFVDSWRQRSNTQGSILINLLKQPLIPGSSLSLCHLLSSSS ESPAGTPLQPPGF GSTLAGMSGLRTTGSYDGSFSL SALREAQNLAFTGLNLVARNE CSR DGDPAEGGRRAPLCQLPGAVHFL PLVQFFIGLHCQALQDLAAAKRSGAPGD

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SPTHSSCVSSGVETNPEDSVCILEGFSVTALSILQHLVCHSG AVVSLLLSGVGADSA
 AGEGRSLVHRLSDGDMTSALRGVADDQGQHPLLKMLLHLLAFSSAATGHLQASV
 LTQCLKVLVKLAENTSCDFLPRFQCVFQVLPKCLSPETPLPSVLLAVELLSLLADHDQ
 LAPQLCSHSEGC LLLLLMYITSRPDRVALETQWLQLEQEVWLLAKLGVQSPLPP
 VTGSNCQCNEVVRLTVMLHRQWLT VRRAGGPPRTDQQRRTVRCLRDTVLLLH
 GLSQKDKLFMMHCVEVLHQFDQVMPGVSMIRGLPDVTDCEE
 AALDDLCAAETDVEDPEVECGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

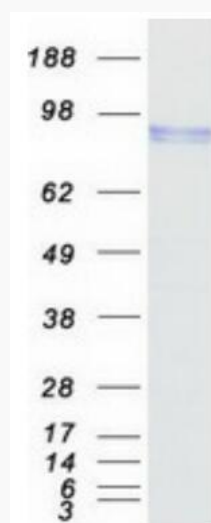
Gene Name	ATRIP ATR interacting protein [Homo sapiens (human)]
Official Symbol	ATRIP
Synonyms	DKFZp762J2115; FLJ12343; MGC20625; MGC21482; MGC26740
Gene ID	84126

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mRNA Refseq	NM_130384.3
Protein Refseq	NP_569055.1
MIM	606605
UniProt ID	Q8WXE1



Coomassie blue staining of purified ATRIP protein.

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