

Product datasheet for TP323562L

ATRIP (NM_130384) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ATR interacting protein (ATRIP), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223562 representing NM_130384 Red=Cloning site Green=Tags(s)

MAGTSAPGSKRRSEPPAPRPGPPPGTGHPPSKRARGFSAAAAPDPDDPFGAHGDFDTADDLEELDTLASQA
LSQCPAAARDVSSDHKVRLLDGM SKNPSGKNRETVPKDNFELEVLQAQYKELKEKMKVMEEVLIKNG
EIKILRDSLHQTESVLEEQRSHFLLEQEKTKALSDKEKEFSKKLQSLQSELQFKDAEMNELRTKLQTS
RANKLAAPSVSHVSPRKNPSVVIKPEACSPQFGKTSFPTKESFSANMSLPHPCQTESGYKPLVGREDSKP
HSLRGDSIKQEEAQKSFVDSWRQRSNTQGSILINLLKQPLIPGSSLSLCHLLSSSESAPAGTPLQPPGF
GSTLAGMSGLRTTGSYDGSFSLALREAQNLAFTGLNLVARNECSRDPGPAEGGRRAPLPCQLPGAVHFL
PLVQFFIGLHCALQDLAAAKRSGAPGDSPTHSSCVSSGVETNPEDSVCILEGFSVTALSILQHLVCHSG
AVVSLLSGVGADSAAGEGNRSLVHRLSDGDMTSALRGVADDQGGHPLLKMLLHLLAFSSAATGHLQASV
LTQCLKVLVKLAENTSCDFLPRFQCVFQVLPKCLSPETPLPSVLLAVELLSLLADHDQLAPQLCSHSEGC
LLLLLYMYITSRPDRVALETQWLQLEQEVWLLAKLGVQSPLPPVTGSNCQCNVEVVRALTVMLHRQWLT
VRRAGGPRTDQQRRTVRCLRDTVLLLHGLSQDKL FMMHCVEVLHQFDQVMPGVSM LIRGLPDVTDCEE
AALDDLCAAETDVEDPEVECG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

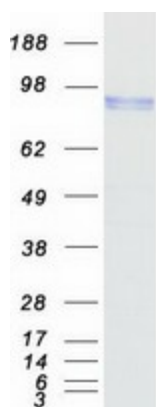
Tag:	C-Myc/DDK
Predicted MW:	85.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_569055
Locus ID:	84126
UniProt ID:	Q8WXE1 , A0A024R2U4
RefSeq Size:	2509
Cytogenetics:	3p21.31
RefSeq ORF:	2373
Summary:	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]

Product images:



Coomassie blue staining of purified ATRIP protein (Cat# [TP323562]). The protein was produced from HEK293T cells transfected with ATRIP cDNA clone (Cat# [RC223562]) using MegaTran 2.0 (Cat# [TT210002]).