

Product datasheet for PH323562

ATRIP (NM_130384) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ATRIP MS Standard C13 and N15-labeled recombinant protein (NP_569055)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223562
Predicted MW:	85.7 kDa
Protein Sequence:	>RC223562 representing NM_130384 Red=Cloning site Green=Tags(s)

MAGTSAPGSKRRSEPPAPRPGPPPGTGHPKSRARGFSAAAAPDPDDPFGAHGDFADDLEELDTLASQAL
LSQCPAAARDVSSDHKVRHLLDGMKSNPSGKNRETVPKDNFELEVLQAQYKELKEKMKVMEEVLIKNG
EIKILRDSLHQTESVLEEQRSHFLLEQEKTQALSDKEKEFSKKLQSLQSELQFKDAEMNELRTKLQTS
RANKLAAPSVSHVSPRKNPSVVIKPEACSPQFGKTSFPTKESFSANMSLPHPCQTESGYKPLVGREDSK
HSLRGDSIKQEEAQKSFVDSWRQRSNTQGSILINLLKQPLIPGSSLSLCHLLSSSESPAGTPLQPPGF
GSTLAGMSGLRTTGSYDGSFSLSALREAQNLAFTGLNLVARNECSRGDPAEGGRRAPLQPLGAVHFL
PLVQFFIGLHCQALQDLAAAKRSGAPGDSPTHSSCVSSGVETNPEDSVCILEGFSVTALSILQHLVCHSG
AVVSLLLSGVGADSAAGEGNRSLVHRLSDGDMTSALRGVADDQGHPLKMLLHLLAFSSAATGHLQASV
LTQCLKVLVKLAENTSCDFLPRFQCVFQVLPKCLSPETPLPSVLLAVELL SLLADHDQLAPQLCSHSEGC
LLLLLYMYITSRPDRVALETQWLQLEQEVWLLAKLGVQSPLPPVTGSNCQCNEVVVRAALTVMLHRQWLT
VRRAGGPPRTDQQRRTVRCLRDTVLLLHGLSQDKLFMMHCVEVLHQFDQVMPGVSMILIRGLPDVTDCEE
AALDDLCAAETDVEDPEVECG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_569055

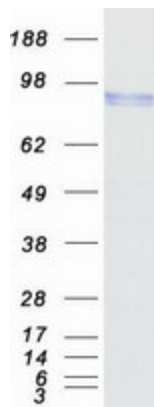


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RefSeq Size:	2509
RefSeq ORF:	2373
Locus ID:	84126
UniProt ID:	Q8WXE1 , A0A024R2U4
Cytogenetics:	3p21.31

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]).