



# Recombinant Human ATR-interacting protein (ATRIP)

<b>Product Code</b>	CSB-EP848837HU-B
<b>Abbreviation</b>	ATRIP
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8WXE1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AGTSAPGSK RRSEPPAPRP GPPPGTGHPP SKRARGFSAA AAPDPDDPFG AHGDFTADDL EELDTLASQA LSQCPAAARD VSSDHKVVHRL LDGMSKNPSG KNRETVPIKD NFELEVLQAQ YKELKEKMKV MEEVLIKNG EIKILRDSLH QTESVLEEQR RSHFLLEQEK TQALSDKEKE FSKKLQSLQS ELQFKDAEMN ELRTKLQTSE RANKLAAPSV SHVSPRKNPS VVIKPEACSP QFGKTSFPTK ESFSANMSLP HPCQTESGYK PLVGREDSKP HSLRGDSIKQ EEAQKSFVDS WRQRSNTQGS ILINLLLKQP LIPGSSSLC HLLSSSSSESP AGTPLQPPGF GSTLAGMSGL RTTGSYDGSF SLSALREAQN LAFTGLNLVA RNECSRGDGP AEGGRRAFPL CQLPGAVHFL PLVQFFIGLH CQALQDLAAA KRSGAPGDSP THSSCVSSGV ETNPEDSVCI LEGFSVTALS ILQHLVCHSG AVVSLLLSGV GADSAAGEGN RSLVHRLSDG DMTSALRGVA DDQGGHPLLK MLLHLLAFSS AATGHLQASV LTQCLKVLVK LAENTSCDFL PRFQCVFQVL PKCLSPETPL PSVLLAVELL SLLADHDQLA PQLCSHSEGC LLLLLYMYIT SRPDRVALET QWLQLEQEVV WLLAKLGVQS PLPPVTGSNC QCNVEVVRAL TVMLHRQWLT VRRAGGPPRT DQQRRTVRCL RDTVLLHGL SQKDKLFMMH CVEVLHQFDQ VMPGVSMILIR GLPDVTDCEE AALDDLCAAE TDVEDPEVEC G
<b>Source</b>	E.coli
<b>Target Names</b>	ATRIP
<b>Protein Names</b>	Recommended name: ATR-interacting protein Alternative name(s): ATM and Rad3-related-interacting protein
<b>Expression Region</b>	2-791
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	The product of this gene is an essential component of the DNA damage checkpoint, and binds to single-stranded DNA coated with replication protein A



that accumulates at sites of DNA damage. The encoded protein interacts with the ataxia telangiectasia and Rad3 related protein, a checkpoint kinase, resulting in accumulation of the kinase at intranuclear foci induced by DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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