

## Recombinant Human ATRIP, GST-tagged

Cat. No. ATRIP-10062H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ATRIP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-300a.a.
<b>Description</b>	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.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** [ATRIP ATR interacting protein \[ Homo sapiens \]](#)

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<b>Official Symbol</b>	ATRIP
<b>Synonyms</b>	ATRIP; ATR interacting protein; ATR-interacting protein; FLJ12343; MGC20625; MGC21482; MGC26740; ATM and Rad3-related-interacting protein; DKFZp762J2115;
<b>Gene ID</b>	<a href="#">84126</a>
<b>mRNA Refseq</b>	<a href="#">NM_032166</a>
<b>Protein Refseq</b>	<a href="#">NP_115542</a>
<b>MIM</b>	<a href="#">606605</a>
<b>UniProt ID</b>	<a href="#">Q8WXE1</a>
<b>Chromosome Location</b>	3p24.3-p22.1
<b>Pathway</b>	Activation of ATR in response to replication stress, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem; DNA damage response, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem; G2/M Checkpoints, organism-specific biosystem;
<b>Function</b>	protein binding;

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