

Recombinant Human ATRIP, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	ATRIP ATR interacting protein [Homo sapiens]
-----------	--

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	ATRIP
Synonyms	ATRIP; ATR interacting protein; ATR-interacting protein; FLJ12343; MGC20625; MGC21482; MGC26740; ATM and Rad3-related-interacting protein; DKFZp762J2115;
Gene ID	84126
mRNA Refseq	NM_032166
Protein Refseq	NP_115542
MIM	606605
UniProt ID	Q8WXE1
Chromosome Location	3p24.3-p22.1
Pathway	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;
Function	protein binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA