

Full-Length

ATRIP (Human) Recombinant Protein (P01)

Catalog # H00084126-P01

Size 50 ug

Specification

Product Description	Human ATRIP full-length ORF (ABM86364.1, 1 a.a. - 671 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSKNPSGKNRETVPIKDNFELEVLQAQYKELKEKMKVMEEVLIKNGEIKILRDSLHQTESVLEEQ RRSHFLLEQEKTQALSDKEKEFSKKLQSLQSELQFKDAEMNELRTKLQTSERANKLAAPSVSHV SPRKNPSSVVIKPEACSPQFGKTSFPTKESFSANMSLPHPCQTESGYKPLVGRED SKLHSLRGDSI KQEEAQKSFVDSWRQRSNTQGSILINLLKQPLIPGSSLSLCHLLSSSSSESPAGTPLQPPGFGSTL AGMSGLRTTGSYDGSFSL SALREAQNLAFTGLNLVARNECSR DGDPAEGGRRAFPLCQLPGAV HFLPLVQFFIGLHCQALQDLAAAKRSGAPGDSPTHSSCVSSGVETNPEDSVCILEGFSVTALSILQ HLVCHSGAVVSLLLSGVGADSAAGEGNRSLVHRLSDGDMTSALRGVADDQGQHP LLKMLLHLL AFSSAATGHLQASVLTQCLKVLVKLAENTSCDFLPRFQC VFQVLPKCLSPETPLPSVLLAVELLS LLADHDQLAPQLCSHSEGCLLLLLYMYTSRPDRVALETQWLQLEQEVVRAL TVMLHRQWLT VRR AGGPRTDQQRRTVRCLRDTVLLHGLSQKDKLFMMHCVEVLHQFDQVMPGVSM LIRGLPDVT DCEEAALDDLCAAETDVEDPEVECG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	100.21
Interspecies Antigen Sequence	Mouse (73); Rat (72)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ATRIP

Entrez GeneID [84126](#)

GeneBank Accession# [DQ895438.2](#)

Protein Accession# [ABM86364.1](#)

Gene Name ATRIP

Gene Alias DKFZp762J2115, FLJ12343, MGC20625, MGC21482, MGC26740

Gene Description ATR interacting protein

Omim ID [606605](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations -

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)