

ATR recombinant protein

Recombinant Human ATR

CATALOG # AAA250109	HOST E Coli	APPLICATIONS SDS-Page
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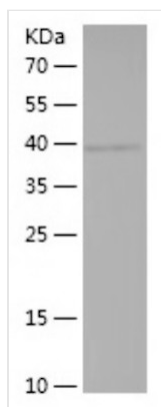
PRODUCT SYNONYMS

ATR; Recombinant Human ATR; Ataxia telangiectasia and Rad3 related; Ataxia telangiectasia and Rad3-related protein; ATR_HUMAN; FCTCS; FRAP Related Protein 1; FRAP-related protein 1; FRP1; MEC1; MEC1 mitosis entry checkpoint 1 homolog; Protein kinase ATR; RAC3; Rad3 related protein; SCKL; SCKL1; Serine/threonine protein kinase ATR; Serine/threonine-protein kinase ATR; ATR recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 70% by SDS-PAGE gel analyses
Form/Format	Lyophilized from a 0.2um filtered solution in 10mM HEPES, 500mM NaCl with 5% trehalose, pH7.4
Sequence Positions	1-168
Applicable Applications for ATR recombinant protein	SDS-PAGE
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to a concentration of 0.1-1mg/mL by gently pipetting 2-3 times, do not vortex
Preparation and Storage	The lyophilized protein is stable at -20°C for up to 1 year, the protein solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing 0.1% BSA (make sure BSA will NOT interfere with your experiment) and store in working aliquots at -20°C to -80°C for 6 months. Avoid repeated freeze/thaw cycle.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266317
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NCBI GeneID	545
NCBI Accession #	NP_001175.2
NCBI GenBank Nucleotide #	NM_001184.3
UniProt Accession #	Q13535; Q59HB2; Q7KYL3; Q93051; Q9BXX4
Molecular Weight	39.5 kDa under reducing conditions
NCBI Official Full Name	serine/threonine-protein kinase ATR
NCBI Official Synonym Full Names	ataxia telangiectasia and Rad3 related
NCBI Official Symbol	ATR
NCBI Official Synonym Symbols	FRP1; MEC1; SCKL; FCTCS; SCKL1
NCBI Protein Information	serine/threonine-protein kinase ATR; Rad3 related protein; FRAP-related protein 1; FRAP-related protein-1; MEC1, mitosis entry checkpoint 1, homolog; ataxia telangiectasia and Rad3-related protein
UniProt Protein Name	Serine/threonine-protein kinase ATR
UniProt Gene Name	ATR
UniProt Synonym Gene Names	FRP1
UniProt Entry Name	ATR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/atr-recombinant-protein-e-coli-sds-page/250109>