

Recombinant Human ATM protein, GST-tagged

Cat. No. ATM-185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATM(2667-end) fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2667-end a.a.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~70 kDa
Purity	>70%
Applications	Western Blot
Stability	1 year at -70 centigrade from the date of shipment
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.05µg/µl

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GENE INFORMATION

Gene Name	ATM ataxia telangiectasia mutated [Homo sapiens]
Official Symbol	ATM
Synonyms	ATM; ataxia telangiectasia mutated; ATA, ataxia telangiectasia mutated (includes complementation groups A, C and D) , ATC, ATD, ATDC; serine-protein kinase ATM; TEL1; telomere maintenance 1; homolog (S. cerevisiae); TELO1; AT mutated; A-T mutated; TEL1, telomere maintenance 1, homolog; AT1; ATA; ATC; ATD; ATE; ATDC; MGC74674; DKFZp781A0353;
Gene ID	472
mRNA Refseq	NM_000051
Protein Refseq	NP_000042
MIM	607585
UniProt ID	Q13315
Chromosome Location	11q22-q23
Function	1-phosphatidylinositol-3-kinase activity; ATP binding; DNA binding; DNA-dependent protein kinase activity; histone serine kinase activity; nucleotide binding; protein N-terminus binding; protein binding; protein complex binding; protein dimerization activity; protein serine/threonine kinase activity;

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