

## BioActive Human ATM biallelic inactivation Recombinant Protein,Fc Tag

Catalog Number:SGRP00660

DESCRIPTION	
Product Name	BioActive Human ATM biallelic inactivation Recombinant Protein,Fc Tag
Gene Name	ATM
Source	Full length Human ATM deletion, expressed in HEK293 cells.
Alternative names	
SPECIFICATIONS	
Biological Activity	Fully biologically active
Purity	> 95% by SDS-PAGE & HPLC
Endotoxin Level	< 1.0 EU per µg protein as determined by the LAL method
Expression System	HEK293 Cells
Format	Recombinant
Species	Human
Predicted MW	
Actual MW	
Applications	Sandwich ELISA Functional Studies Mass Spectrometry SDS-PAGE HPLC
Form	Lyophilized from sterile PBS, pH 7.43
Concentration	N/A
Stability and Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute with Phosphate Buffered Saline.
BACKGROUND	
Gene Accession	Q13315
Gene Alias	A-T Mutated Gene Deletion; AT Mutated Biallelic Gene Inactivation; Ataxia Telangiectasia Mutated Biallelic Gene Inactivation; ATM Biallelic Gene Inactivation; ATM Serine/Threonine Kinase Biallelic Gene Inactivation
Background	The presence of mutations in both alleles of the ATM gene that either lead to loss of expression of the ATM protein or result in the translation of an inactive ATM protein. Biallelic ATM inactivation significantly reduces survival in patients treated on the United Kingdom Leukemia Research Fund Chronic Lymphocytic Leukemia 4 trial.



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