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BioActive Human ATM deletion Recombinant Protein,Fc Tag

Catalog Number:SGRP00659

DESCRIPTION	
Product Name	BioActive Human ATM deletion Recombinant Protein,Fc Tag
Gene Name	ATM
Source	Full length Human ATM oncogenic mutation, 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 7.42
Concentration	N/A
Stability and Storage	Samples are stable for up to twelve months from date of receipt at -20℃ to -80℃. Store it under sterile conditions at -20℃ to -80℃. 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	Protein names Recommended name Serine-protein kinase ATM EC number EC:2.7.11.1 6 Publications (UniProtKB | ENZYME | Rhea) Alternative names Ataxia telangiectasia mutated (A-T mutated) Gene names Name ATM
Background	The ATM gene is located within the minimally deleted region on chromosome 11q. Deletions of chromosome 11q are associated with a severe clinical phenotype and reduced survival in CLL. The relationship between ATM mutations and 11q deletions in the pathogenesis of CLL has not been fully resolved.