

Product Data Sheet

Recombinant Human ATXN1 Protein

Catalog #	Source	Reactivity	Applications
CST1539	E. coli	H	
Description	Recombinant Human ATXN1 Protein is produced by E. coli expression system and the target gene encoding Ser161-Ala440 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	ATXN1		
Alternative Names	ATX1; SCA1; Ataxin-1; Spinocerebellar ataxia type 1 protein		
Entrez Gene	6310		
SwissProt	P54253		
Purity			
Chemical Structure	SAAGATTPSQ RSQLEAYSTL LANMGSLST PGHKAEEQQQQ QQQQQQQQHQQ HQQQQQQQQQQ QQQQQHLSRA PGLITPGSP PAQQNQYVHI SSSPQNTGRT ASPPAIPVHL HPHQTMIPHT LTLGPPSQVV MQYADSGSHF VPREATKKAE SSRLQQAIQA KEVLNGEMEK SRRYGAPSSA DLGLGKAGGK SVPHPYESRH VVHPSPSDY SSRDPSGVRA SVMVLPSNT PA		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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