

RP10099LQ

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# Recombinant Human Ataxin-3(Q22)/ATXN3 protein

Catalog No.: RP10099LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
<i>E. coli</i>	4287	P54252

### Tags

GST Tag

### Synonyms

ATXN3;AT3;ATX3;JOS;MJD;MJD1;SCA3;  
ataxin-3;Ataxin 3

## Product Information

### Source

*E. coli*

### Purification

~ 90% by SDS-  
PAGE

### Endotoxin

### Formulation

20 mM Tris, 150 mM NaCl, 2 mM  $\beta$ ME,  
10% Glycerol

### Reconstitution

## Background

Ataxin3 is a Machado-Josephine domain-containing deubiquitinating enzyme. Machado-Joseph disease (MJD) is a neurodegenerative disorder caused by polyQ expansion in ataxin-3. Ataxin3 is involved in protein homeostasis maintenance, transcription, cytoskeleton regulation, myogenesis and degradation of misfolded chaperone substrates.

## Basic Information

### Description

### Bio-Activity

### Storage

Store at -70°C. This product is stable at  $\leq -70^\circ\text{C}$  for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

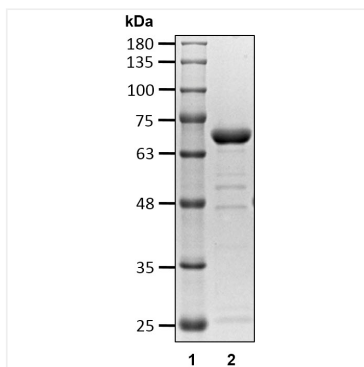
## Contact



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## Validation Data

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Recombinant human Ataxin-3(Q22)/ATXN3 protein was determined by SDS-PAGE with Coomassie Blue.