

## Recombinant Human ATXN7 protein, GST-tagged

**Cat. No.** ATXN7-301504H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ATXN7 (170-335 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met170-Arg335                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | MHSSSSKPPLAVPPTSVFSFFPSLSKSKGGSASGSNRSSSGGVLSASSSSSKLLKS<br>PKEKLQLRGNTRPMHPIQQSRVPHGRIMTPSVKVEKIHPKMDGTLLKSAVGPTCPAT<br>VSSLVKPGLNCPSIPKPTLPSPGQILNGKGLPAPPTLEKKPEDNSNNRKFLNKR                                                        |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                     |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.   |

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## GENE INFORMATION

|                 |                                                                                                                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | ATXN7 ataxin 7 [ Homo sapiens ]                                                                                                                                                           |
| Official Symbol | ATXN7                                                                                                                                                                                     |
| Synonyms        | ATXN7; ataxin 7; SCA7, spinocerebellar ataxia 7 (olivopontocerebellar atrophy with retinal degeneration); ataxin-7; ADCAI1; OPCA3; spinocerebellar ataxia type 7 protein; SCA7; FLJ17787; |
| Gene ID         | 6314                                                                                                                                                                                      |
| mRNA Refseq     | NM_000333                                                                                                                                                                                 |
| Protein Refseq  | NP_000324                                                                                                                                                                                 |
| MIM             | 607640                                                                                                                                                                                    |
| UniProt ID      | O15265                                                                                                                                                                                    |

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