

# Product Datasheet

## Recombinant Human Ataxin-2 GST (N-Term) Protein H00006311-Q01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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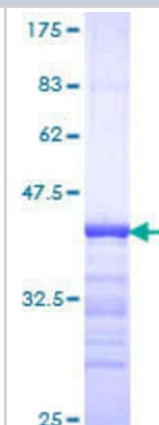


**H00006311-Q01-10ug****Recombinant Human Ataxin-2 GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	36.74 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 1214-1313 of Human Ataxin-2</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  PQNSFPAAQQTVFTIHPSHVQPAYTNPPHMAHVPQAHVQSGMVPSHPTAHAP  MMLMTTQPPGGPQAALAQSAALQPIPVSTTAHFPYMTHTPSVQAHHQQQL</p>
<b>Gene ID</b>	6311
<b>Gene Symbol</b>	ATXN2
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunoprecipitation, Protein Array, SDS-Page, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunoprecipitation, SDS-Page, Protein Array, Immunoaffinity Purification
<b>Application Notes</b>	Use in Immunoprecipitation reported in scientific literature (PMID 23955554)

## Images

SDS-Page: Recombinant Human Ataxin-2 Protein [H00006311-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Zhu J, Chen W, Mi R et al. Ethoxyquin prevents chemotherapy-induced neurotoxicity via Hsp90 modulation. Ann Neurol. 2013-08-16 [PMID: 23955554] (IP)



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### **Products Related to H00006311-Q01-10ug**

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NBP1-90064PEP	Ataxin-2 Recombinant Protein Antigen
H00023435-M01	TDP-43/TARDBP Antibody (2E2-D3)
NBP1-90063	Ataxin-2 Antibody
NBP2-24915	SOD1/Cu-Zn SOD Antibody

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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