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Datasheet for ABIN7505038

Ataxin 2 Protein (ATXN2) (AA 460-600) (GST tag)

Overview

Quantity:	100 µg
Target:	Ataxin 2 (ATXN2)
Protein Characteristics:	AA 460-600
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ataxin 2 protein is labelled with GST tag.

Product Details

Sequence:	Leu 460-Ser 600
Characteristics:	A DNA sequence encoding the Human ATXN2 protein (Q99700) (Leu460-Ser600) was expressed with a N-GST tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Ataxin 2 (ATXN2)
Alternative Name:	ATXN2 (ATXN2 Products)
Background:	Abbreviation: ATXN2
	Target Synonym: Ataxin-2,Spinocerebellar ataxia type 2 protein,Trinucleotide repeat-containing gene 13 protein,ATXN2,ATX2,SCA2,TNRC13
	Background: Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR

Target Details

internalization at the plasma membrane.Expressed in the brain, heart, liver, skeletal muscle, pancreas and placenta. Isoform 1 is predominant in the brain and spinal cord. Isoform 4 is more abundant in the cerebellum. In the brain, broadly expressed in the amygdala, caudate nucleus, corpus callosum, hippocampus, hypothalamus, substantia nigra, subthalamic nucleus and thalamus.

Molecular Weight:	Calculated MW: 40.4 kDa
	Observed MW: 42 kDa
UniProt:	Q99700
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months