

Recombinant Human ATXN2 protein (GST tag)

Catalog Number:PDEH100125



Note: Centrifuge before opening to ensure complete recovery of vial contents.

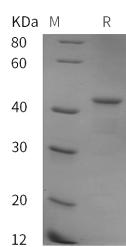
Description

Synonyms	Ataxin-2;Spinocerebellar ataxia type 2 protein;Trinucleotide repeat-containing gene 13 protein;ATXN2;ATX2;SCA2;TNRC13
Species	Human
Expression Host	E.coli
Sequence	Leu 460-Ser 600
Accession	Q99700
Calculated Molecular Weight	40.4 kDa
Observed molecular weight	42 kDa
Tag	N-GST

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR 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.

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