

Recombinant Human ATXN10, GST-tagged

Cat. No. ATXN10-10067H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATXN10 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	120-475a.a.
Description	This gene encodes a protein that may function in neuron survival, neuron differentiation, and neuritogenesis. These roles may be carried out via activation of the mitogen-activated protein kinase cascade. Expansion of a pentanucleotide repeat in an intronic region of this locus has been associated with spinocerebellar ataxia, type 10. Alternatively spliced transcript variants have been described.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	ATXN10 ataxin 10 [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	ATXN10
Synonyms	ATXN10; ataxin 10; SCA10, spinocerebellar ataxia 10; ataxin-10; E46L; FLJ37990; brain protein E46 homolog; spinocerebellar ataxia type 10 protein; SCA10; HUMEED;
Gene ID	25814
mRNA Refseq	NM_001167621
Protein Refseq	NP_001161093
MIM	611150
UniProt ID	Q9UBB4
Chromosome Location	22q13
Function	identical protein binding; protein binding;

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