

Recombinant Human ATN1, His-tagged

Cat. No. ATN1-3772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Atrophin-1 (ATN1), partial
Species	Human
Source	E.Coli/Yeast
ProteinLength	1190
Description	Dentatorubral pallidoluysian atrophy (DRPLA) is a rare neurodegenerative disorder characterized by cerebellar ataxia, myoclonic epilepsy, choreoathetosis, and dementia. The disorder is related to the expansion from 7-23 copies to 49-75 copies of a trinucleotide repeat (CAG/CAA) within this gene. The encoded protein includes a serine repeat and a region of alternating acidic and basic amino acids, as well as the variable glutamine repeat. Alternative splicing results in two transcripts variants that encode the same protein.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of ATN1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.

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

Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	ATN1 atrophin 1 [Homo sapiens]
Official Symbol	ATN1
Synonyms	ATN1; atrophin 1; D12S755E, dentatorubral pallidoluysian atrophy (atrophin 1) , DRPLA; atrophin-1; B37; dentatorubral-pallidoluysian atrophy protein; HRS; NOD; DRPLA; D12S755E;
Gene ID	1822
mRNA Refseq	NM_001007026
Protein Refseq	NP_001007027
MIM	607462
UniProt ID	P54259
Chromosome Location	12p
Function	JUN kinase binding; protein binding; protein domain specific binding; toxin receptor binding; transcription corepressor activity;

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