Recombinant Human ATN1 protein, GST-tagged

Cat. No. ATN1-955H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATN1 partial ORF (AAH51795, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 7-35 copies to 49-93 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. [provided by RefSeq, Jul 2016]
Molecular Mass	37.84 kDa
AA Sequence	MKTRQNKDSMSMRSGRKKEAPGPREELRSRGRASPGGVSTSSSDGKAEKSRQTA KKARVEEASTPKVNKQGRSEEISESESEETNAPKKTKTEQELPRPQSPSDLDSLDG
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

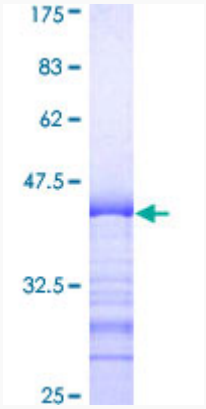
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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12.5% SDS-PAGE Stained with Coomassie Blue.

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