

Atrophin 1 Recombinant Protein | ATN1 recombinant protein

Recombinant Atrophin 1 (ATN1)

CATALOG # AAA145436	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Atrophin 1; Recombinant Atrophin 1 (ATN1); B37; DRPLA; NOD; Dentatorubral Pallidoluysian Atrophy; ATN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	DTPALRTLSE YARPHVMSPG NRNHPFYVPL GAVDPGLLG Y NVPALYSSDP AAREREREAR ERDLRDLKP GFEVKPSELE PLHGVPGPGL DPFPRHGGLA LQPGPPGLHP FPFHPSLGPL ERERLALAAG PALRPDMSYA ERLAAERQHA ERVAALGNBP LARLQMLNVT PHHHQHSHIH SHLHLHQQDA IHAASASVHP LIDPLASGSH LTRIPYPAGT LPNPLPHPL HENEVLRLHQL FAAPYRDLPA SLSAPMSAAH QLQAMHAQSA ELQRLALEQQ QWLHAHHPLH SVPLPAQEDY YSHLKKESDK PL
Applicable Applications for ATN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Asp879~Leu1190
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.7
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	30353865
NCBI GeneID	1822
Molecular Weight	Predicted Molecular Mass: 38.2kDa Accurate Molecular Mass: 38kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Atrophin 1
NCBI Official Synonym Full Names	atrophin 1
NCBI Official Symbol	ATN1
NCBI Official Synonym Symbols	B37; HRS; NOD; DRPLA; D12S755E
NCBI Protein Information	atrophin-1
UniProt Protein Name	Atrophin-1
UniProt Gene Name	ATN1
UniProt Synonym Gene Names	D12S755E; DRPLA
UniProt Entry Name	ATN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.