

Recombinant Human ATN1 protein, His-tagged

Cat. No. ATN1-4522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATN1 protein(842-1191 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	842-1191 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	LAQEGRAPVECP SLGPVPHRPPFEPGSAVATVPPYLGPDTPALRTLSEYARPHVMS PGNRNHPFYVPLGAVDPGLLGYNVPALYSSDPAAREREREARERDLRDLKPGFEV KPSELEPLHGVPGPGLDPFPRHGG LALQPGPPGLHPFPFHPSLGPLERERLALAAG PALRPDMSYAERLAAERQHAERVAALGNDPLARLQMLNVTPHHHQHSHIHSHLHLH QQDAIHAASASVHPLIDPLASGSHLTRIPYPAGTLPNPLLPHPLHENEVLRLHQLFAAP YRDLPASLSAPMSAAHQ LQAMHAQSAELQRLALEQQQWLHAHHPLHSVPLPAQED YYSHLKKESDKPL
Purity	80%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;

mRNA Refseq [NM_001007026](#)

Protein Refseq [NP_001007027](#)

MIM [607462](#)

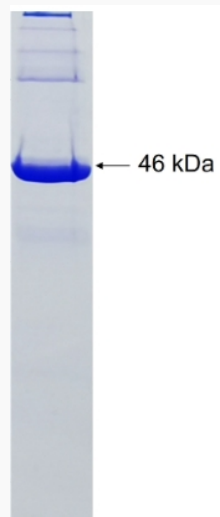
UniProt ID [P54259](#)

Gene ID [1822](#)

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SDS-PAGE

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