Ataxin 1 (ATXN1) Recombinant Protein | ATXN1 recombinant protein

Recombinant Ataxin 1 (ATXN1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135519	**E.coli**	**Homo sapiens (Human)**	**Western Blot, SDS-Page**

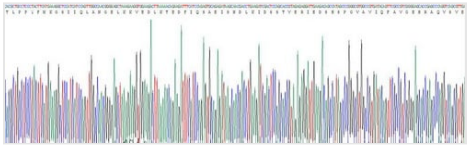
PRODUCT SYNONYMS

Ataxin 1 (ATXN1); Recombinant Ataxin 1 (ATXN1); ATXN1 recombinant protein

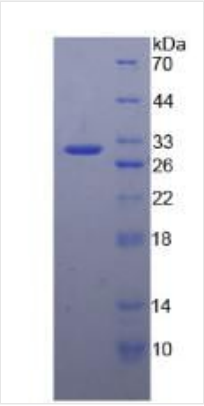
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. TLPPYFMKG SIIQLANGEL KKVEDLKTED FIQSAEISND LKIDSSTVER IEDSHSPGVA VIQFAVGEHR AQVSVEVLVE YPFFVFGQGW SSCCPERTSQ LFDLPCSKLS VGDVCISLTL KNLKNGSVKK GQPVDPASVL LKHSKADGLA GSRHRYAEQE NGINQGSAQM LSENGELKFP EKMGLPAAPF LTKIEPSKPA ATRKRRWSAP ESRKLEKSED EPPLTLPKPS LIPQEVKICI
Applicable Applications for ATXN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr569~Ile807
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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



Application Data



SDS-PAGE

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SAEISNDLKI DSSTVERIED SHSPGVAVIQ FAVGEHRAQV SVEVLVEYPF
FVFGQGWSSC CPERTSQLFD LPCSKLSVGD VCISLTLKNL KNGSVKKGQP
VDPASVLLKH SKADGLAGSR HRYAEQENGI NQGSAQMLSE NGELKFPEKM
GLPAAPFLTK IEPSKPAATR KRRWSAPESR KLEKSEDEPP LTLPKPSLIP
QEVKICI
```

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	51479158
NCBI GeneID	6310
NCBI Accession #	NP_000323.2
NCBI GenBank Nucleotide #	NM_000332.3
UniProt Accession #	P54253; Q17S02; Q9UJG2; Q9Y4J1
Molecular Weight	Predicted Molecular Mass: 29.9kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	ataxin-1
NCBI Official Synonym Full Names	ataxin 1
NCBI Official Symbol	ATXN1
NCBI Official Synonym Symbols	ATX1; SCA1; D6S504E
NCBI Protein Information	ataxin-1; alternative ataxin1; spinocerebellar ataxia type 1 protein
UniProt Protein Name	Ataxin-1
UniProt Gene Name	**ATXN1**
UniProt Synonym Gene Names	ATX1; SCA1
UniProt Entry Name	ATX1_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.

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Online datasheet: https://www.aaabiotech.com/atxn1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135519