

Recombinant Human ATRX protein, His-tagged

Cat. No. ATRX-10066H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATRX protein(1-87 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-87 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	MTAEPMSSESKLNTLVQKLHDFLAHSSESEETSSPPRLAMNQNTDKISGSGSNSDM MENSKEEGTSSSEKSKSSGSSRSKRKPSIVN
Purity	90%, 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, 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.

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GENE INFORMATION

Gene Name	ATRX alpha thalassemia/mental retardation syndrome X-linked [Homo sapiens]
Official Symbol	ATRX
Synonyms	ATRX; alpha thalassemia/mental retardation syndrome X-linked; alpha thalassemia/mental retardation syndrome X linked (RAD54 (S. cerevisiae) homolog) , JMS, Juberg Marsidi syndrome , RAD54; transcriptional regulator ATRX; RAD54 homolog (S. cerevisiae); XH2; XNP; RAD54 homolog; X-linked helicase II; Zinc finger helicase; helicase 2, X-linked; X-linked nuclear protein; ATP-dependent helicase ATRX; DNA dependent ATPase and helicase; alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, S. cerevisiae); JMS; SHS; ATR2; SFM1; RAD54; MRXHF1; RAD54L; ZNF-HX; MGC2094;
mRNA Refseq	NM_000489
Protein Refseq	NP_000480
MIM	300032
UniProt ID	P46100
Gene ID	546

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