

Recombinant Full Length Human APTX Protein, GST-tagged

Cat. No. APTX-1212HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APTX full-length ORF (NP_778242.1, 1 a.a. - 254 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	254 amino acids
Description	This gene encodes a member of the histidine triad (HIT) superfamily. The encoded protein may play a role in single-stranded DNA repair through its nucleotide-binding activity and its diadenosine polyphosphate hydrolase activity. Mutations in this gene have been associated with ataxia-ocular apraxia. Alternatively spliced transcript variants have been identified for this gene.[provided by RefSeq, Aug 2010]
Molecular Mass	55.5 kDa
AA Sequence	MVNELYPYIV EFEEEAKNPG LETHRKRKRS GNSDSIERDA AQEAEAGTGL EPGSNSGQCS VPLKKGKDAP IKKESLGHWS QGLKISMQDP KMQVYKDEQV VVIKDKYPKA RYHWLVLPWT SISSLKAVAR EHLELLKMHM TVGEKVIVDF AGSSKLRFR L GYHAIPSM SH VHLHVISQDF DSPCLKNKKH WNSFNTEYFL ESQAVIEMVQ EAGRVTVRDG MPELLKLPLR CHECQQLLPS IPQLKEHLRK HWTQ
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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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 [APTX aprataxin \[Homo sapiens \(human\) \]](#)

Official Symbol [APTX](#)

Synonyms APTX; aprataxin; AOA; AOA1; AXA1; EAOH; EOAHA; FHA-HIT; forkhead-associated domain histidine triad-like protein

Gene ID [54840](#)

mRNA Refseq [NM_001195248](#)

Protein Refseq [NP_001182177](#)

MIM [606350](#)

UniProt ID [Q7Z2E3](#)

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