

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 EHLELLKHMH TVGEKVIVDF AGSSKLRFRL GYHAIPSMH VHLHVISQDF DSPCLKNKKH WNSFNTEYFL ESQAVIEMVQ EAGRVTVRDG MPELLKLPLR CHECQQLLPS IPQLKEHLRK HWTQ
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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