



# Recombinant Human Aprataxin (APTX)

<b>Product Code</b>	CSB-EP001955HU
<b>Abbreviation</b>	APTX
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q7Z2E3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSNVNLSVSD FWRVMMRVCW LVRQDSRHQR IRLPHLEAVV IGRGPETKIT DKKCSRQQVQ LKAECNKG YV KVKQVGVNPT SIDSVVIGKD QEVKLQPGQV LHMVNELYPY IVEFEEEEAKN PGLETHRKRK RSGNSDSIER DAAQEA EAGT GLEPGSNSGQ CSVPLKKGKD APIKKE SLGH WSQGLKISMQ DPKMQVYKDE QVVVIKDKYP KARYHWLVLP WTSISSLKAV AREHLELLKH MHTVGEKVIV DFAGSSKLR F RLG YHAIPSM SHVHLHVISQ DF DSPCLKNK KHWNSFNTEY FLESQAVIEM VQEAGRVTVR DGMPPELLKLP LRCHECQQLL PSIPQLKEHL RKHWTQ
<b>Source</b>	E.coli
<b>Target Names</b>	APTX
<b>Protein Names</b>	Recommended name: Aprataxin EC= 3.-.- Alternative name(s): Forkhead-associated domain histidine triad-like protein Short name= FHA-HIT
<b>Expression Region</b>	1-356
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a member of the histidine triad (HIT) superfamily, some of which have nucleotide-binding and diadenosine polyphosphate hydrolase activities. The encoded protein may play a role in single-stranded DNA repair. Mutations in this gene have been associated with ataxia-ocular apraxia. Multiple transcript variants encoding distinct isoforms have been identified for this gene, however, the full length nature of some variants has not been determined.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

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