



Recombinant Human Aprataxin (APTX)

Product Code	CSB-EP001955HU-B
Abbreviation	APTX
Storage	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.
Uniprot No.	Q7Z2E3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSNVNLSVSD FWRVMMRVCW LVRQDSRHQR IRLPHLEAVV IGRGPETKIT DKKCSRQQVQ LKAECNKG YV KVKQVGVNPT SIDSVVIGKD QEVKLQPGQV LHMVNELYPY IVEFEEEEAKN PGLETHRKRK RSGNSDSIER DAAQEA EAGT GLEPGSNSGQ CSVPLKKGKD APIKKESLGH WSQGLKISMQ DPKMQVYKDE QVVVIKDKYP KARYHWL VLP WTSISL KAV AREHLELLKH MHTVGEKVIV DFAGSSK LRF RLG YHAIPSM SHVHLHVISQ DF DSPCLKNK KHWNSFNTEY FLESQAVIEM VQEAGRVTVR DGMPELLKLP LRCHECQQLL PSIPQLKEHL RKHWTQ
Source	E.coli
Target Names	APTX
Protein Names	Recommended name: Aprataxin EC= 3.-.- Alternative name(s): Forkhead-associated domain histidine triad-like protein Short name= FHA-HIT
Expression Region	1-356
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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

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.