



Recombinant Human Aprataxin (APTX)

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|--------------------------|---|
| Product Code | CSB-BP001955HU |
| 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 APIKKE SLGH WSQGLKISMQ DPKMQVYKDE QVVVIKDKYP KARYHWLVLP WTSISSLKAV AREHLELLKH MHTVGEKVIV DFAGSSKLR F RLG YHAIPSM SHVHLHVISQ DF DSPCLKNK KHWNSFNTEY FLESQAVIEM VQEAGRVTVR DGMPELLKLP LRCHECQQLL PSIPQLKEHL RKHWTQ |
| Source | Baculovirus |
| 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

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