



# Recombinant Human Tektin-2 (TEKT2)

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| <b>Product Code</b>      | CSB-EP883425HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Abbreviation</b>      | TEKT2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q9UIF3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | MATLSVKPSR RFQLPDWHTN SYLLSTNAQL QRDASHQIRQ EARVLRNETN<br>NQTIWDEHDN RTRLVERIDT VNRWKEMLDK CLTDLDAEID ALTQMKESAE<br>QNLQAKNLPL DVAIECLTLR ESRRDIDVVK DPVEDELHKE VEVIEATKKA<br>LQQKVSQAFE QLCLLQEVQQ QLNSDHRGKM ETLEIDRGCL SLNLRSPNIS<br>LKVDPTRVPD GSTTLQWDD FSRFNKDRAE AEMKAATELR EATALTIAET<br>NNELEAQRVA TEFAFRKRLR EMEKVYSELK WQEKNTLEEI AELQEDIRHL<br>EEDLRTKLLS LKLSHTRLEA RTYRPNVELC RDQAQYGLTD EVHQLEATIA<br>ALKQKLAQAQ DALDALCKHL ARLQADIACK ANSMLLDTKC MDTRRKLTVP<br>AERFVPEVDT FTRTTNSTLS PLKSCQLELA |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Target Names</b>      | TEKT2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Names</b>     | Recommended name: Tektin-2 Alternative name(s): Tektin-t Testicular tektin<br>Testicular tektin B1-like protein Short name= TEKTB1 Short name= Tektin-B1                                                                                                                                                                                                                                                                                                                                                        |
| <b>Expression Region</b> | 1-430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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 product belongs to the tektin family of proteins. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. This gene is expressed in the testis and its protein is localized to the flagella of the sperms, indicating that it may play a role in spermatogenesis.                                                                                                                                                       |
| <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**

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.