



# Recombinant Human Tigger transposable element-derived protein 6 (TIGD6)

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| <b>Product Code</b>      | CSB-EP615068HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Abbreviation</b>      | TIGD6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <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>       | Q17RP2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Sequence</b>          | MANKGNKKRR QFSLEEKMKV VGAVDSGKRK GDVAKEFGIT PSTLSTFLKD<br>RTKFEEKVRE ASVGPQRKRM RSALYDDIDK AVFAWFQEIH AKNILVTGSV<br>IRKKALNLAN MLGYDNFQAS VGWLNRFDR HGIALKAVCR ESDRLMNGL<br>GIDKINEWHA GEIKLIADY SPDDIFNADE TGVFFQLLPQ HTLAAKGDHC<br>RGGKKAKQRL TALFCCNASG TEKMRPLIVG RSASPHCLKN IHSLPCDYRA<br>NQWAWMTRDL FNEWLMQVDA RMKRAERRIL LLIDNCSAHN MLPHLERIQV<br>GYLPSNCTAV LQPLNLGIIH TMKVLYQSHL LKQILLKLNS SEDQEEVDIK<br>QAIDMIAAAW WSVKPSTVVK CWQKAGIVPM EFAECDTESA ASEPDAIEK<br>LWHTVAIATC VPNEVNFQDF VTADDDLIIS QTDIIQDMV AGENTSEAGS<br>EDEGEVSLPE QPKVTITEAI SSVQKLRLQFL STCVDIPDAI FGQLNGIDEY<br>LMKRVTQTLI DSKITDFLQT K |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Target Names</b>      | TIGD6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Names</b>     | Recommended name: Tigger transposable element-derived protein 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Expression Region</b> | 1-521                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <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 protein belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B.                                                                                                                                                                                                                                                                                                 |
| <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.