



# Recombinant Rat Protein TSSC4 (Tssc4)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-EP726369RA   |
| <b>Abbreviation</b>      | Tssc4  |
| <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>       | Q5XIB1   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MAETEAGLEV EEPTEDDTLP SDTVSLSDSD SDLSLPSGVE VQALSPERLS<br>GESQEDSGPD DPPSHPTGIP TTAVQPFHLR GMSSTFSQRS HSIFDCLESA<br>ARQEPCSAPQ TSVVDNCSFK RVPAPPSQTP ARSLSRVHGN TDPTRVHPVP<br>DYVSHPERWT KYSLEDVSET SEQSNRDAAL AFLSSRSQAS PTDYVPPFNQ<br>DPSSCGEGRV VFTKPVRGSE ARAERKRVLK KGVVSGAGGE ASVELAHLAG<br>PEAEWSGHQ GQPEVVVPSE AARPESSSGP IGMKTVGFHG<br>SKKRSRDHFR NRDSNPEGPG SERGPSV  |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | Tssc4  |
| <b>Protein Names</b>     | Recommended name: Protein TSSC4  |
| <b>Expression Region</b> | 1-317  |
| <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 is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene is located among several imprinted genes; however, this gene, as well as the pan-hematopoietic expression gene (PHEMX), escapes imprinting. This gene may play a role in malignancies and disease that involve this region. |
| <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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