



Recombinant Rat Protein TSSC4 (Tssc4)

Product Code	CSB-EP726369RA-B
Abbreviation	Tssc4
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.	Q5XIB1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MAETEAGLEV EEPTEDDTLP SDTVSLSDSD SDLSLPSGVE VQALSPERLS GESQEDSGPD DPPSHPTGIP TTAVQPFHLR GMSSTFSQRS HSIFDCLESA ARQEPCSAPQ TSVVDNCSFK RVPAPPSQTP ARSLSRVHGN TDPTRVHPVP DYVSHPERWT KYSLEDVSET SEQSNRDAAL AFLSSRSQAS PTDYVPPFNQ DPSSCGEGRV VFTKPVRGSE ARAERKRVLK KGVVSGAGGE ASVELAHLAG PEAEWSGHQ GQPEVVVPSE AARPESSSGP IGMKTVGFHG SKKRSRDHFR NRDSNPEGPG SERGPSV
Source	E.coli
Target Names	Tssc4
Protein Names	Recommended name: Protein TSSC4
Expression Region	1-317
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 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.
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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