



# Recombinant Rat Protein TSSC1 (Tssc1)

<b>Product Code</b>	CSB-EP715933RA-B
<b>Abbreviation</b>	Tssc1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q5PPK9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEDDAPVIYG LEFQARALTP QTAETDAIRF LVGTQSLKYD NQIHIDFDD ENNIINKNVL LHQAGEIWHI SASPADKGV L ATCYNKTS DS RVQACAAVWR MPKELESGSH ESPEDPASTA QTLELLCHLD NGAQGNVACV VWEPMGDGKK VISLADSHIL LWDLQPSSSQ AVLASSAALE GRGQLKFTSG RWSPHHNCTQ VATASDTTLR GWDTRSMSQI YCIENAHGQL VRDLDFNPNK QYYLASCDD CKVKFDTRN VTEPVKTL EE HSHWVWSVRY NHSHDQLVLT GSSDSRVILS NMVSISSEPF GHLVDDDDVS DPEEHHTEKS KEPLQDNVIA TYEEHEDSVY AVDWASADPW LFASLSYDGR LVINRVPRAL KYHILL
<b>Source</b>	E.coli
<b>Target Names</b>	Eipr1
<b>Protein Names</b>	Recommended name: Protein TSSC1
<b>Expression Region</b>	1-386
<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 has been reported in PMID 9403053 as 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. Alignment of this gene to genomic sequence data suggests that this gene resides on chromosome 2 rather than chromosome 11.
<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.

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