



# Recombinant Mouse Telomeric repeat-binding factor 2 (Terf2)

<b>Product Code</b>	CSB-EP023388MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O35144
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MAAGAGTAGP ASGPGVVRDP MASQPRKRPS REGGEGEGE  RRSNTMAGGG GSSDSSGRAA SRRASRSGGR ARRGRHEPGL  GGAAERGAGE ARLEEAVNRW VLKFYFHEAL RAFRSSRYRD FRQIRDIMQA  LLVRPLGKEH TVSRLLRVMQ CLSRIEEN LDCSFDMEAE LTPLESAINV  LEMIKTEFTL TDSMVESSRK LVKEAAVIIC IKNKEFEKAS KILKKYMSKD  PTTQKLRTDL LNIIREKNLA HPVIQNFYSYE VFQQKMLRFL ESHLDDTEPY  LLTMAKKALK SESAASSTMR EEKHPEPVEK PLREPPSRQP QNPPATIGIR  TLKAAFKALS TAQDSEAAFA KLDQKDLVLA NLASPSSPAH KHKRPRKDEH  ESAAPAELEG GSDRQPRNSP MTISRLLEE DSQSTEPSPG LNSSHKAMSA  SKPRALNQP PGEKKPKASK DKWNSPNGL EKEVWLEEDQ  LFEVQAPGED RSSSLTRKQK WTIEESEWVK DGVRKYGEGN WAAISKSYPF  VNRTAVMIKD RWRTMKKLG M N</p>
<b>Source</b>	E.coli
<b>Target Names</b>	Terf2
<b>Protein Names</b>	Recommended name: Telomeric repeat-binding factor 2 Alternative name(s): TTAGGG repeat-binding factor 2 Telomeric DNA-binding protein
<b>Expression Region</b>	1-541
<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 encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic.
<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.