



# Recombinant Rickettsia typhi Trigger factor (tig)

<b>Product Code</b>	CSB-EP724287RNE
<b>Abbreviation</b>	tig
<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>	Q68VS2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rickettsia typhi (strain ATCC VR-144 / Wilmington)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>           MGIIVLKNEG LNFHARISTP LSEIDYDIQK ELLDLTKKVK VAGFRVKGKVP            ISIVKKKYGI SIRNDIEKR INNLVNHVIK EYNLNIIGRP KIEELQNEPD            KALEFTVKIE LLPKITIPDL KKISLDRPKL AVNSKDVEAQ LEKLAALTKC            YTKESKTKIK DGDQVTIDAI GYIKDRAFDE GKLNDFKVII GSNTLIPGFE            QQLIGSKTGS KVDVNVTFPE NYHARNLSGK DAHFVVQIKA VHAEPTVID            EEFAKKFQSN SLEELRTHFA KQIENESEEA INTIMKMNLF DKLEKLLDFD            VPESLLEQEK NILKSETDKN KHDGSLNGK SSKEIIEYYN KLALRRVRIG            LLLAEYAKFK NLQLEPDDLK KVIMQQARNF PGQENMIFDF YKNNPRAIEG            LRGPALEDKT VQYIFNNEIQ LKEKRYSKEE LEKYLETEEQ QRISLI         </p>
<b>Source</b>	E.coli
<b>Target Names</b>	tig
<b>Protein Names</b>	Recommended name: Trigger factor Short name= TF EC= 5.2.1.8 Alternative name(s): PPIase
<b>Expression Region</b>	1-446
<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>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.
<b>Shelf Life</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.