Recombinant Rat Tumor necrosis factor receptor superfamily member 1A (Tnfrsf1a), partial

Product Code	CSB-EP023977RA1-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P22934
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	IHPSGVTGL VPSLGDREKR DNLCPQGKYA HPKNNSICCT KCHKGTYLVS DCPSPGQETV CEVCDKGTFT ASQNHVRQCL SCKTCRKEMF QVEISPCKAD MDTVCGCKKN QFQRYLSETH FQCVDCSPCF NGTVTIPCKE KQNTVCNCHA GFFLSGNECT PCSHCKKNQE CMKLCLPPVA NVTNPQDSGT A
Source	E.coli
Target Names	Tnfrsf1a
Protein Names	Recommended name: Tumor necrosis factor receptor superfamily member 1AAlternative name(s): Tumor necrosis factor receptor 1 Short name= TNF-R1 Tumor necrosis factor receptor type I Short name= TNF-RI Short name= TNFR-I
Expression Region	22-211
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	Partial
Target Details	This protein is a member of the TNF-receptor superfamily. This protein is one of the major receptors for the tumor necrosis factor-alpha. This receptor can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal transduction mediated by the receptor. Germline mutations of the extracellular domains of this receptor were found to be associated with the autosomal dominant periodic fever syndrome. The impaired receptor clearance is thought to be a mechanism of the disease.
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	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.