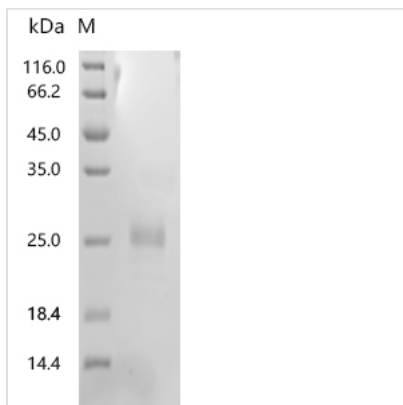


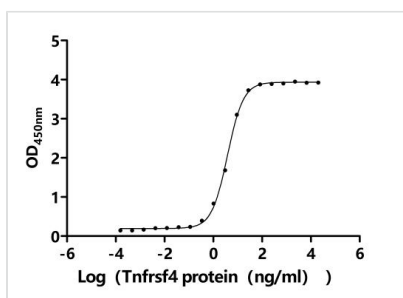


Recombinant Mouse Tumor necrosis factor ligand superfamily member 4 (Tnfsf4), partial (Active)

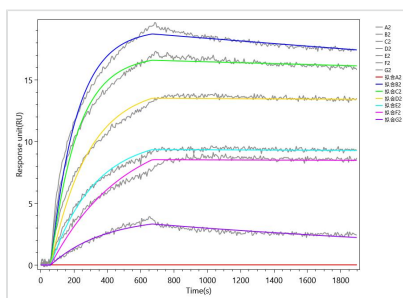
Product Code	CSB-MP023994MO1b0
Abbreviation	Recombinant Mouse Tnfsf4 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P43488
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Biological Activity	① Measured by its binding ability in a functional ELISA. Immobilized Mouse Tnfsf4 at 4 µg/mL can bind Mouse Tnfrsf4 (CSB-MP023981M0d9). The EC50 is 3.581-4.060 ng/mL. ② Mouse Tnfrsf4 (CSB-MP023981M0d9) captured on Protein A Chip can bind Recombinant Mouse Tnfsf4 with an affinity constant of 0.438 nM as detected by MetaSPR Assay (WeSPRTM 200).
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QLSSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMEVQNNSSVVIKCDGL YIIYLKGSFFQEVKIDLHFREDHNPISIPMLNDGRRIVFTVVASLAFKDKVYLTVN APDTLCEHLQINDGELIVVQLTPGYCAPEGSYHSTVNQVPL
Source	Mammalian cell
Target Names	Tnfsf4
Expression Region	49-198aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	20.5 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity
Measured by its binding ability in a functional ELISA. Immobilized Mouse Tnfrsf4 at 4 µg/ml can bind Mouse Tnfrsf4 (CSB-MP023981MOd9) . The EC₅₀ is 3.581-4.060 ng/mL.



Activity
Mouse Tnfrsf4 (CSB-MP023981MOd9) captured on Protein A Chip can bind Recombinant Mouse Tnfrsf4 with an affinity constant of 0.438 nM as detected by MetaSPR Assay (WeSPRTM 200).

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

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.