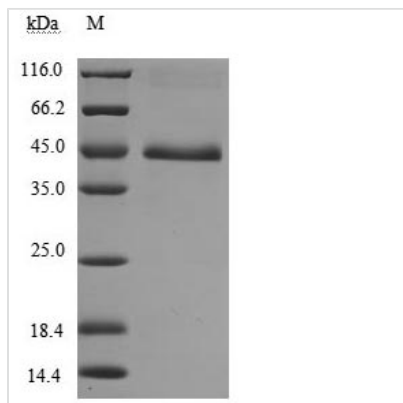


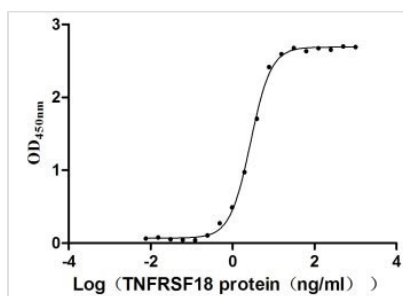


Recombinant Human Tumor necrosis factor receptor superfamily member 18 (TNFRSF18), partial (Active)

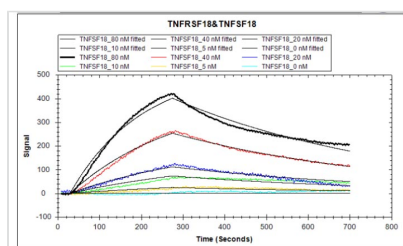
Product Code	CSB-MP896537HU
Abbreviation	Recombinant Human TNFRSF18 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y5U5
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	①Measured by its binding ability in a functional ELISA. Immobilized TNFRSF18 at 2 µg/ml can bind TNFSF18 (CSB-MP891791HU), the EC ₅₀ is 2.565 to 2.940 ng/ml.②Human TNFRSF18 protein hFc tag (CSB-MP896537HU) captured on COOH chip can bind Human TNFSF18 protein hFc and Flag tag (CSB-MP891791HU) with an affinity constant of 38.5 nM as detected by LSPR Assay.
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QRPTGGPGCGPGRLLLLGTGTDARCCRVHTRCCRDYPGEECCSEWDCMCV QPEFHCGDPCCTTCRHHPCPPGQGVQSQGKFSFGFQCIDCASGTFSGGHEG HCKPWTDCTQFGFLTVFPGNKTHNAVCPGSPPAEP
Source	Mammalian cell
Target Names	TNFRSF18
Expression Region	26-162aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-tagged
Mol. Weight	40.8 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 TNFRSF18 at 2 µg/ml can bind TNFSF18 (CSB-MP891791HU), the EC₅₀ is 2.565 to 2.940 ng/ml.



Activity
Human TNFRSF18 protein hFc tag (CSB-MP896537HU) captured on COOH chip can bind Human TNFSF18 protein hFc and Flag tag (CSB-MP891791HU) with an affinity constant of 38.5 nM as detected by LSPR Assay.

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.