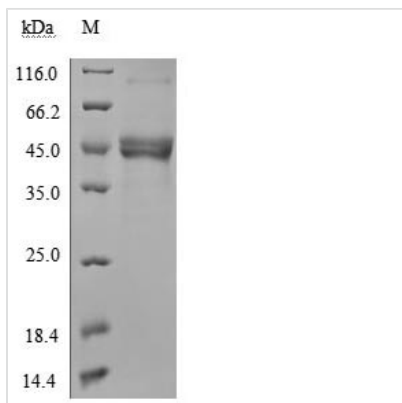


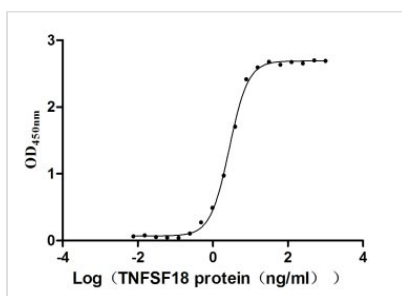


# Recombinant Human Tumor necrosis factor ligand superfamily member 18 (TNFSF18), partial (Active)

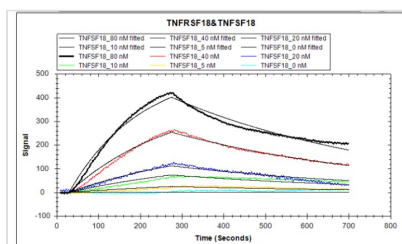
<b>Product Code</b>	CSB-MP891791HU
<b>Abbreviation</b>	Recombinant Human TNFSF18 protein, partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form 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>	Q9UNG2
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	①Measured by its binding ability in a functional ELISA. Immobilized TNFRSF18 at 2 μg/ml can bind TNFSF18 (CSB-MP891791HU), the EC <sub>50</sub> 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.
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	QLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQV APNANYNDVAPFEVRLYKNKDMIQTLTNKSKIQNVGGTYELHVGDTIDLIFNSE HQVLKNNTYWGIILLANPQFIS
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TNFSF18
<b>Expression Region</b>	72-199aa
<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>	N-terminal hFc-Flag-tagged
<b>Mol. Weight</b>	42.8
<b>Protein Length</b>	Partial
<b>Image</b>	



(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 EC<sub>50</sub> 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.