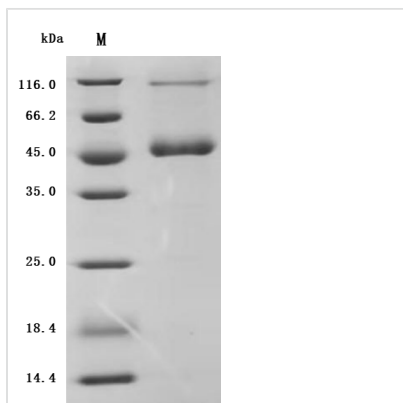


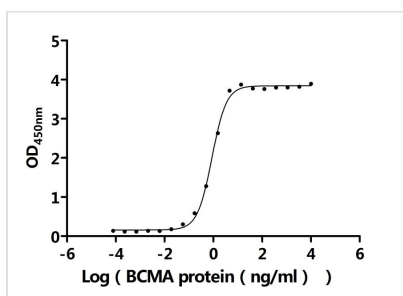


Recombinant Human Tumor necrosis factor ligand superfamily member 13 (TNFSF13) (Active)

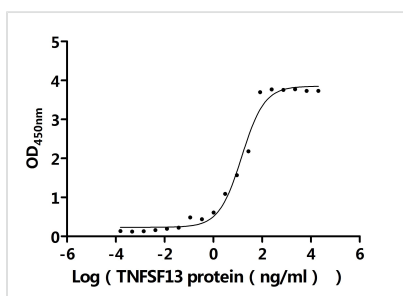
Product Code	CSB-MP023989HU
Abbreviation	Recombinant Human TNFSF13 protein (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O75888-1
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 Human TNFSF13 protein at 2 µg/mL can bind Human TNFRSF17 protein (CSB-MP023974HU1-B). The EC50 is 0.8083-0.9391 ng/mL. ②Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis TNFRSF13B protein (CSB-MP6427MOV) at 2 µg/mL can bind Human TNFSF13 protein. The EC50 is 11.13-18.97 ng/mL.
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AVLTQKQKKQHSVLHLVPINATSKDDSDVTEVMWQPALRRGRGLQAQGYGV RIQDAGVYLLYSQVLFQDVTFTMGQVVSREGQGRQETLFR CIRSMPSHPDRA YN SCYSAGVFHLHQGDILSVIIPRARAKLNLSPHGTFLGFVKL
Source	Mammalian cell
Target Names	TNFSF13
Expression Region	105-250aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal hFc-tagged
Mol. Weight	42.6 kDa
Protein Length	Full Length of Mature Protein of Isoform Alpha
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 Human TNFSF13 protein at 2 $\mu\text{g/ml}$ can bind Human TNFRSF17 protein (CSB-MP023974HU1-B). The EC_{50} is 0.8083-0.9391 ng/mL.



Activity
 Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis TNFRSF13B protein (CSB-MP6427MOV) at 2 $\mu\text{g/ml}$ can bind Human TNFSF13 protein. The EC_{50} is 11.13-18.97 ng/mL.

Endotoxin

Less than 1.0 EU/ μg 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.