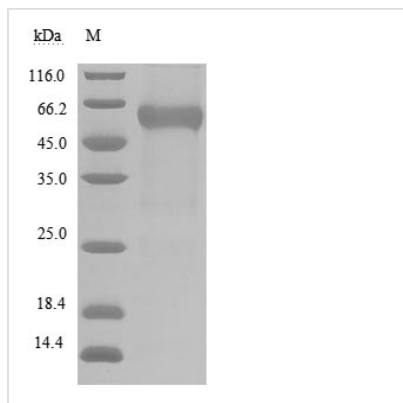


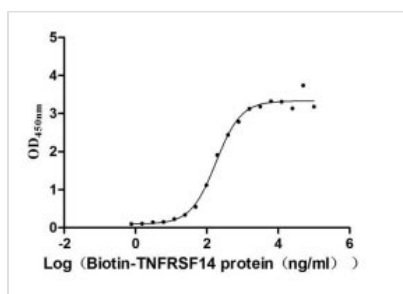


Recombinant Human B- and T-lymphocyte attenuator (BTLA), partial (Active)

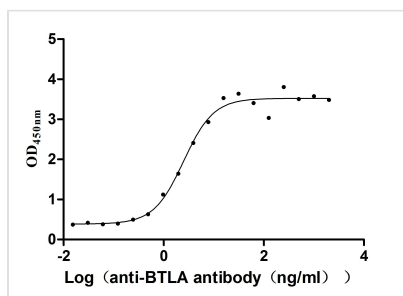
Product Code	CSB-MP773799HU
Abbreviation	Recombinant Human BTLA protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q7Z6A9
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 BTLA at 5 µg/ml can bind biotinylated human TNFRSF14 (CSB-MP842173HU-A), the EC ₅₀ is 137.8-233.4 ng/ml.
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	KESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVTWCKLNGTTCVKLE DRQTSWKEEKNISFFILHFEPVLPNDNGSYRCSANFQSNLIESHSTTLYVTDVK SASERPSKDEMAS
Research Area	Cancer
Source	Mammalian cell
Target Names	BTLA
Expression Region	31-150aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-Myc-tagged
Mol. Weight	43.9 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 BTLA at 5 µg/ml can bind biotinylated human TNFRSF14 (CSB-MP842173HU-A), the EC₅₀ is 137.8-233.4 ng/ml.



Activity
Measured by its binding ability in a functional ELISA. Immobilized Human BTLA at 2µg/ml can bind Anti-BTLA recombinant antibody(CSB-RA773799MAIHU), the EC₅₀ is 1.763-3.542 ng/mL.

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.