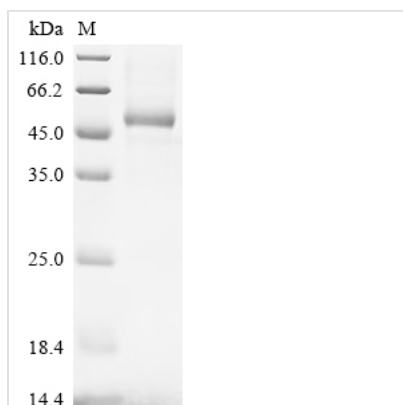


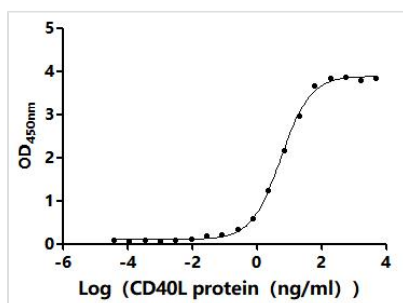


Recombinant Mouse CD40 ligand (Cd40lg), partial (Active)

Product Code	CSB-MP004937MO1
Abbreviation	Recombinant Mouse Cd40lg 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.	P27548
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	Measured by its binding ability in a functional ELISA. Immobilized Mouse Cd40(CSB-MP004936MO1) at 2 µg/mL can bind Mouse Cd40lg. The EC50 is 5.121-6.085 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	MQRGDEDPQIAAHVVSEANSNAASVLQWAKKGYITMKSNLVMLENGKQLTV KREGLYYVYTQVTFCNREPSSQRPFIVGLWLKPSSGSERILLKAANTHSSSQ LCEQQSVHLGGVFELQAGASVFNVTASQVIHRVGFSSFGLLKL
Source	Mammalian cell
Target Names	Cd40lg
Expression Region	112-260aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal mFc1-tagged
Mol. Weight	42.1 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 Cd40(CSB-MP004936MO1) at 2 µg/ml can bind Mouse Cd40lg. The EC₅₀ is 5.121-6.085 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.