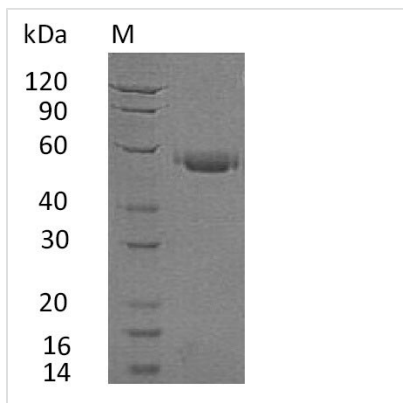




Recombinant Human Tumor necrosis factor receptor superfamily member 5 (CD40), partial (Active)

Product Code	CSB-AP005181HU
Abbreviation	Recombinant Human CD40 protein, partial (Active)
Uniprot No.	P25942
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 1xPBS,pH 7.4.
Product Type	Immune Checkpoint
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CD40L-His-Flag at 10µg/ml can bind Human CD40-Fc, the ED50 of Human CD40-Fc is 0.45 ug/ml.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	EPPTACREKQYLINSQCCSLCQPGQKLVSDCTEFTETECLPCGESEFLDTWN RETHCHQHKEYCDPNLGLRVQKGTSETDTICTCEEGWHCTSEACESCVLHRS CSPGFGVKQIATGVSDTICEPCPVGFFSNVSSAFEKCHPWTSCETKDLVVQQA GTNKTDVVCGPQDRLR
Research Area	Immunology
Source	Mammalian cell
Target Names	CD40
Expression Region	21-193aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc-tagged
Mol. Weight	46.3 kDa
Protein Length	Extracellular Domain

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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°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.