

Active Recombinant Human CD40 protein, mFc-tagged

Cat. No. CD40-389H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD40 protein(P25942)(Glu21-Arg193) is expressed in HEK293 with a mouse IgG1 Fc tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-193 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Loaded Human CD40L-His on HIS1K Biosensor, can bind Human CD40-mFc with an affinity constant of 0.20 µM as determined in BLI assay.
Molecular Mass	45.7 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to

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minimize freeze-thaw cycles.

GENE INFORMATION

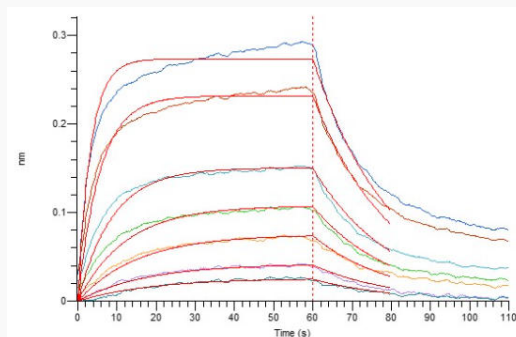
Gene Name	CD40 CD40 molecule, TNF receptor superfamily member 5 [Homo sapiens]
Official Symbol	CD40
Synonyms	CD40; CD40 molecule, TNF receptor superfamily member 5; TNFRSF5, tumor necrosis factor receptor superfamily, member 5; tumor necrosis factor receptor superfamily member 5; Bp50; p50; CD40L receptor; CD40 type II isoform; B cell-associated molecule; B cell surface antigen CD40; B-cell surface antigen CD40; CD40 antigen (TNF receptor superfamily member 5); tumor necrosis factor receptor superfamily, member 5; nerve growth factor receptor-related B-lymphocyte activation molecule; CDW40; TNFRSF5; MGC9013;
Gene ID	958
mRNA Refseq	NM_001250
Protein Refseq	NP_001241
MIM	109535
UniProt ID	P25942

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BLI



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