

Recombinant Human CD40 protein, His-tagged

Cat. No. CD40-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD40 protein(P25942-1)(Glu21-Arg193), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu21-Arg193
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD40, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human CD40 Ligand (Trimer) , hFc Tag with the EC50 of 79.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 20 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

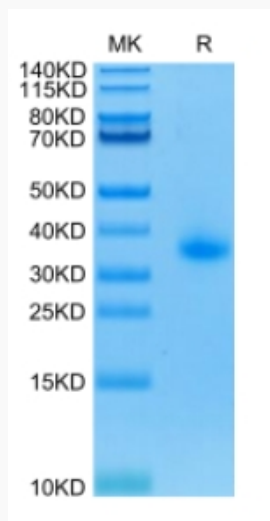
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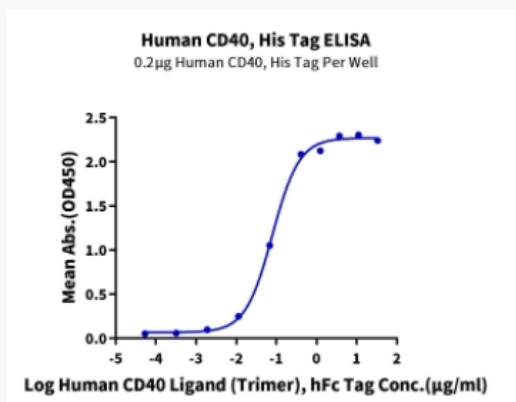
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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