

## Recombinant Human CD40 protein, His-Avi-tagged, Biotinylated

**Cat. No.** CD40-2222H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CD40 protein(P25942)(Glu21-Arg193), fused with C-terminal His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Glu21-Arg193
<b>Tag</b>	C-His-Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Biotinylated Human CD40, His Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human CD40 Ligand (Trimer), hFc Tag with the EC50 of 9.5ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 22.1 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
<b>Storage</b>	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.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	CD40 CD40 molecule, TNF receptor superfamily member 5 [ Homo sapiens ]
<b>Official Symbol</b>	CD40
<b>Synonyms</b>	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;
<b>Gene ID</b>	958
<b>mRNA Refseq</b>	NM_001250
<b>Protein Refseq</b>	NP_001241
<b>MIM</b>	109535

 Tel: 1-631-559-9269 1-516-512-3133

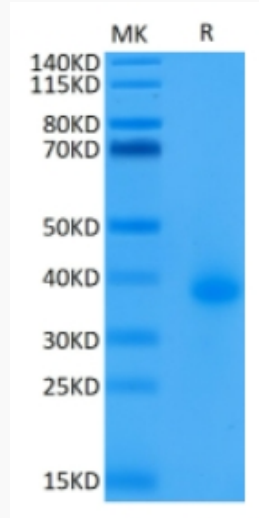
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

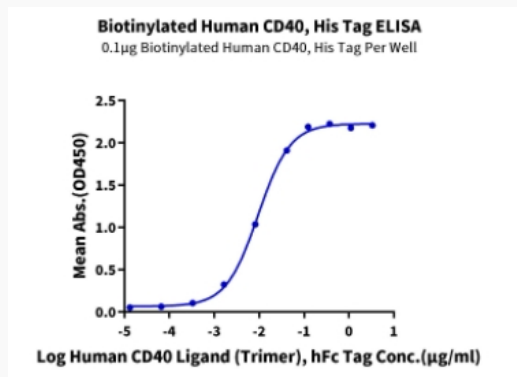
UniProt ID

P25942

Tris-Bis PAGE



ELISA Data



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA