

Active Recombinant Human CD40 protein, His-tagged

Cat. No. CD40-2221H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD40 protein(P25942-1)(Glu21-Arg193) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	21-193 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD40, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human/Cynomolgus/Rhesus macaque 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 Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution 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

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