

Active Recombinant Human CD40 Protein, hFc-tagged, Site-specific Alexa Fluor 647-Labeled

Cat. No. CD40-3827H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Site-specific Alexa Fluor 647-Labeled Active Recombinant Human CD40 Protein(P01730-1)(Lys 26 - Pro 396), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu 21 - Arg 193
Tag	C-hFc
Conjugation/Label	Site-specific Alexa Fluor 647
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.
Bio-activity	5e5 of 293T-CD40L cells were stained with 100 µL of 1:25 dilution (4 µL stock solution in 100 µL FACS buffer) of Alexa Fluor 647-Labeled Human CD40 Protein, Fc Tag and negative control protein respectively. Alexa 647 signal was used to evaluate the binding activity.
Molecular Mass	The protein has a calculated MW of 47.1 kDa.

 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

Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 6 months under sterile conditions after reconstitution.
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	Alexa Fluor 647
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GENE INFORMATION

Gene Name	CD40 CD40 molecule, TNF receptor superfamily member 5 [Homo sapiens]
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Official Symbol	CD40
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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;
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Gene ID	958
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mRNA Refseq	NM_001250
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Protein Refseq	NP_001241
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MIM	109535
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UniProt ID	P25942
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