

Active Recombinant Human TNFRSF4 Protein, Fc-tagged, Alexa Fluor® 488 conjugated

Cat. No. TNFRSF4-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Alexa Fluor® 488 conjugated OX40 (Leu29-Ala216) protein with human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in mouse myeloma cell line.
Species	Human
Source	NS0
ProteinLength	29-216 a.a.
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation.
Form	Disulfide-linked homodimer Labeled with Alexa Fluor® 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Bio-activity	Measured by flow cytometry for its ability to bind anti-HumanOX40/TNFRSF4

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

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

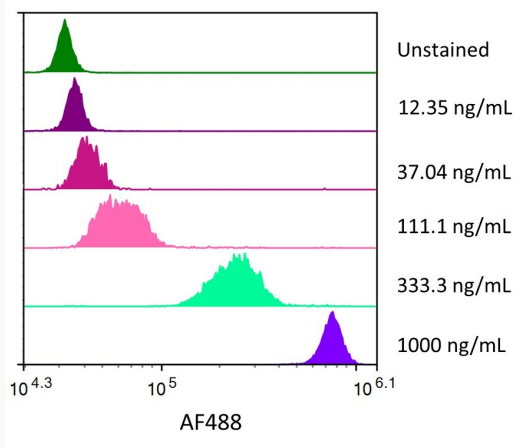
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	Monoclonal Antibody conjugated beads. The concentration of Recombinant Human OX40/TNFRSF4 Fc Chimera Alexa Fluor® 488 that produces 50% of the binding response is 15.0-150 ng/mL
Molecular Mass	46.7 kDa
N-terminal Sequence Analysis	Leu29
Endotoxin	<1.0 EU/μg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Protect from light. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after opening. 3 months, -20 to -70 centigrade under sterile conditions after opening.
Storage Buffer	Supplied as a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Shipping	The product is shipped with dry ice or equivalent.
Conjugation	Alexa Fluor 488
GENE INFORMATION	
Gene Name	TNFRSF4 TNF receptor superfamily member 4 [Homo sapiens (human)]
Official Symbol	TNFRSF4

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Synonyms	TNFRSF4; TNF receptor superfamily member 4; OX40; ACT35; CD134; IMD16; TXGP1L; tumor necrosis factor receptor superfamily member 4; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 antigen; OX40 cell surface antigen; OX40 homologue; OX40L receptor; TAX transcriptionally-activated glycoprotein 1 receptor; lymphoid activation antigene ACT35; tax-transcriptionally activated glycoprotein 1 receptor
Gene ID	7293
mRNA Refseq	NM_003327
Protein Refseq	NP_003318
MIM	600315
UniProt ID	P43489
FC	 Streptavidin coated beads conjugated to biotinylated anti-Human OX40/TNFRSF4 Monoclonal Antibody were stained with the indicated concentrations of Recombinant

Human OX40/TNFRSF4 Fc Chimera Alexa Fluor® 488.

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