

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

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

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

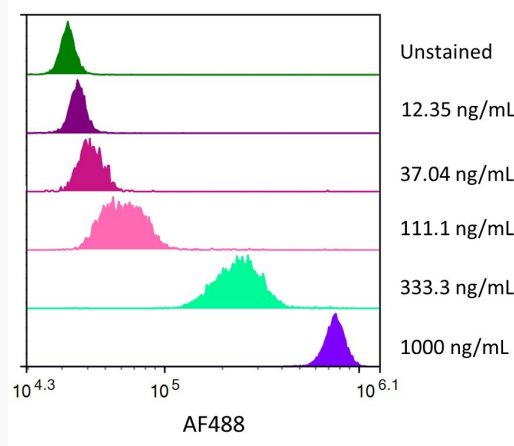
NP_003318

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

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Human OX40/TNFRSF4 Fc Chimera Alexa Fluor® 488.

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