

## Active Recombinant Human TNFRSF4, MlgG2a Fc-tagged

Cat. No. TNFRSF4-520H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human CD134 (NP_003318.1) (Leu29-Ala216) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	29-216 a.a.
<b>Description</b>	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.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA.
<b>Molecular Mass</b>	46KDa (monomer)
<b>AA Sequence</b>	Leu29-Ala216

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<b>Endotoxin</b>	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100μg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF4 tumor necrosis factor receptor superfamily, member 4 [ Homo sapiens ]
<b>Official Symbol</b>	TNFRSF4
<b>Synonyms</b>	TNFRSF4; tumor necrosis factor receptor superfamily, member 4; TXGP1L; tumor necrosis factor receptor superfamily member 4; ACT35; CD134; OX40; OX40 antigen; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 homologue; OX40L receptor; OX40 cell surface antigen; lymphoid activation antigene ACT35; TAX transcriptionally-activated glycoprotein 1 receptor; tax-transcriptionally activated glycoprotein 1 receptor;
<b>Gene ID</b>	<a href="#">7293</a>
<b>mRNA Refseq</b>	<a href="#">NM_003327</a>
<b>Protein Refseq</b>	<a href="#">NP_003318</a>
<b>MIM</b>	<a href="#">600315</a>

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<b>UniProt ID</b>	P43489
<b>Chromosome Location</b>	1p36
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;
<b>Function</b>	binding; receptor activity; tumor necrosis factor-activated receptor activity;

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