

## Active Recombinant Mouse TNFRSF25, MIgG2a Fc-tagged

Cat. No. TNFRSF25-300M Lot. No. (See product label)

### SPECIFICATION

**Product Overview** The extracellular domain of mouse DR3 (AAK11256.1) (Gln33-Gln197) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell

**Species** Mouse

**Source** CHO

**ProteinLength** 33-197 a.a.

**Description** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed preferentially in the tissues enriched in lymphocytes, and it may play a role in regulating lymphocyte homeostasis. This receptor has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation.

**Form** Lyophilized from 0.2µm-filtered solution in PBS.

**Bio-activity** Measured by its binding ability in a functional ELISA.

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<b>Molecular Mass</b>	44KDa (monomer)
<b>AA Sequence</b>	Gln33-Gln197
<b>Endotoxin</b>	<0.06 eu/μg="" as="" determined="" by="" lal="">
<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>	<a href="#">Tnfrsf25 tumor necrosis factor receptor superfamily, member 25 [ Mus musculus ]</a>
<b>Official Symbol</b>	TNFRSF25
<b>Synonyms</b>	TNFRSF25; tumor necrosis factor receptor superfamily, member 25; tumor necrosis factor receptor superfamily member 25; tumor necrosis factor receptor superfamily, member 12; DR3; TR3; Wsl; DDR3; LARD; APO-3; TRAMP; WSL-1; WSL-LR; Tnfrsf12;
<b>Gene ID</b>	<a href="#">85030</a>
<b>mRNA Refseq</b>	<a href="#">NM_033042</a>
<b>Protein Refseq</b>	<a href="#">NP_149031</a>

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**Pathway**

Apoptosis, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

**Function**

receptor activity;

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