

Recombinant Human TNFRSF25, Fc Chimera

Cat. No. TNFRSF25-2081H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF25 is produced in <i>HEK 293 Cells</i> . The cysteine-rich region of human DR3 (aa 25-199) is fused to the Fc portion of human IgG1. MW=55kDa.
Species	Human
Source	HEK293
ProteinLength	25-199 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.
Concentration	1mg/ml after reconstitution.

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Purity	≥95% (SDS-PAGE).
Formulation	Lyophilized. Contains PBS.
Endotoxin Content	<0.1EU/g purified protein (LAL test; Bio Whittaker).
Reconstitution	Reconstitute with 50μsterile water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.
Application	Can be used together with anti-human IgG1 PAb to detect TL1A.
Handling	Avoid freeze/thaw cycles.
Storage And Stability	Stable for at least 6 months after receipt when stored at -20°C. After reconstitution, it is recommended to make appropriate aliquots and to store them at -20°C.

GENE INFORMATION

Gene Name	TNFRSF25 tumor necrosis factor receptor superfamily, member 25 [Homo sapiens]
Synonyms	TNFRSF25; tumor necrosis factor receptor superfamily, member 25; DR3; TR3; DDR3; LARD; APO-3; TRAMP; WSL-1; WSL-LR; TNFRSF12; apoptosis inducing receptor; apoptosis-inducing receptor AIR; apoptosis-mediating receptor DR3; apoptosis-mediating receptor TRAMP; death domain receptor 3 soluble form; death receptor 3; death receptor beta; lymphocyte associated receptor of death; lymphocyte-associated receptor of death; protein WSL-1; translocating chain-association membrane protein; tumor necrosis factor receptor superfamily member 25; tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein)
Gene ID	8718

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mRNA Refseq	NM_001039664
Protein Refseq	NP_001034753
MIM	603366
UniProt ID	Q93038
Chromosome Location	1p36.2
Pathway	Cytokine-cytokine receptor interaction
Function	protein binding; receptor activity; tumor necrosis factor receptor activity

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