TNFRSF25
Recombinant Human TNFRSF25 / Death Receptor 3 (Fc Tag)

Catalog No.	CRH666A-Fc CRH666B-Fc	**Quantity:**	50 µg 100 µg

Alternate Names: Tumor necrosis factor receptor superfamily member 25, Apo-3, Apoptosis-inducing receptor AIR, Apoptosis-mediating receptor, Apoptosis-mediating receptor TRAMP, Death receptor 3, DR3, Lymphocyte-associated receptor of death, LARD, Protein WSL, Protein WSL-1

Description: Tumor necrosis factor receptor superfamily, member 25 (TNFRSF25) 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. TNFRSF25 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 TNFRSF25 encoding 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.

UniProt ID: Q93038

Accession Number: NP_683867.1

Protein Construction: A DNA sequence encoding the human TNFRSF25 (Met1-Gln199) was expressed with the Fc region of human IgG1 at the C-terminus.

Source: HEK293 Cells

Formulation: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Molecular Weight: The recombinant human TNFRSF25 consists of 416 amino acids and predicts a molecular mass of 45.9 kDa.

Purity: > 95 % as determined by SDS-PAGE.

Endotoxin Level: < 1.0 EU per µg of the protein as determined by the LAL method

Biological Activity: Testing in progress

Predicted N-terminal: Gln 25

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial.
DO NOT VORTEX. Allow several minutes for complete reconstitution.

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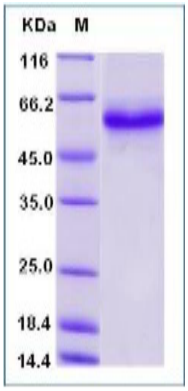
Storage & Stability: Stable for up to 1 year from date of receipt at -20°C to -80°C
After reconstitution, store working aliquots at -20°C to -80°C.
Avoid repeated freeze-thaw cycles.

SDS-PAGE



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