

Human DR3/TNFRSF25, hFc Tag Protein

HA211339



Product name:	Human DR3/TNFRSF25, hFc Tag
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the human DR3/TNFRSF25 protein (Q93038-1) (Gln 25-Gln 199) was expressed with a hFc tag at the C-terminus.

Background: Death receptor 3 (DR3), also known as tumor necrosis factor receptor superfamily member 25 (TNFRSF25), is a cell surface receptor of the tumor necrosis factor receptor superfamily which mediates apoptotic signalling and differentiation. Its only known TNFSF ligand is TNF-like protein 1A (TL1A). The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed preferentially by activated and antigen-experienced T lymphocytes. TNFRSF25 is also highly expressed by FoxP3 positive regulatory T lymphocytes. TNFRSF25 is activated by a monogamous ligand, known as TL1A (TNFSF15), which is rapidly upregulated in antigen presenting cells and some endothelial cells following Toll-Like Receptor or Fc receptor activation. This receptor has been shown to signal both through the TRADD adaptor molecule to stimulate NF-kappa B activity or through the FADD adaptor molecule to stimulate caspase activation and regulate cell apoptosis.

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

Endotoxin: Less than 1.0 EU per µg by the LAL method.

Fragment region: DR3/TNFRSF25 (25-199)

Source: HEK293

Accession: Q93038-1

Predicted molecular mass: 46.9 kD

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 µg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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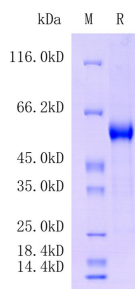


Fig1: Protein on SDS-PAGE under reducing (R) condition.

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