PRODUCT INFORMATION

Target	TNFRSF25
Synonyms	APO-3;DDR3;DR3;GEF720;LARD;PLEKHG5;TNFRSF12;TR3;TRAMP;WSL-1;WSL-LR
Description	Recombinant Human TNFRSF25 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q93038
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	TNFRSF25(Gln25-Gln199) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 45.0 kDa after removal of the signal peptide. The apparent molecular mass of TNFRSF25-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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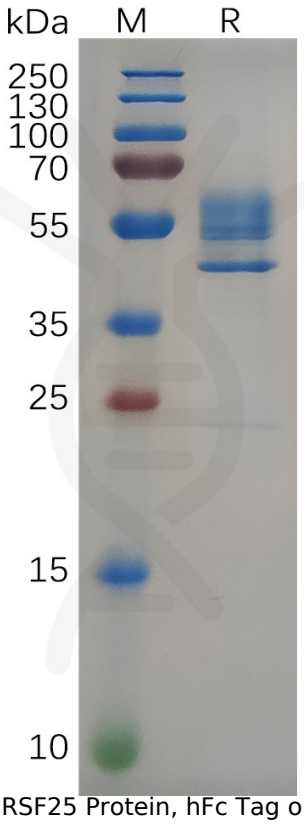


Figure 1. Human TNFRSF25 Protein, hFc Tag on SDS-PAGE under reducing condition.

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