

RP00464

Leader in Biomolecular Solutions for Life Science



Recombinant Human TNFRSF25/DR3 Protein

Catalog No.: RP00464

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	8718	Q93038

Tags
C-hFc

Synonyms

TNFRSF25;APO-3;DDR3;DR3;LARD;TNFRS
F12;TR3;TRAMP;WSL-1;WSL-LR

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4. Contact us for
customized product form or formulation.

Reconstitution

Centrifuge the tube before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the
protein. For long term storage, it is
recommended to add a carrier protein or
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%
FBS or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize freeze-thaw cycles.

Contact



www.abclonal.com

Background

This protein 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.

Basic Information

Description

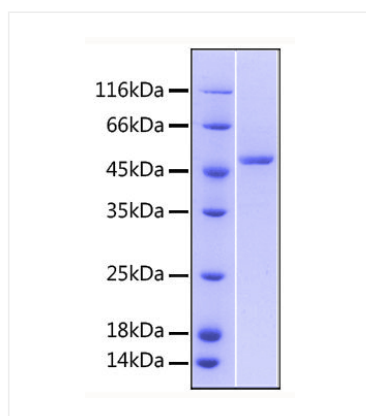
Recombinant Human TNFRSF25/DR3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Gln199) of human TNFRSF25/DR3 (Accession #Q93038) fused with a hFc tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant protein Human TNFRSF25/DR3 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 50-60 kDa.