

Bioactive

TNFRSF25 (Human) Recombinant Protein

Catalog # P9279

Size 2 x 10 ug

Specification

Product Description	Human TNFRSF25 partial recombinant protein with hlgG-His tag in C-terminus expressed in Baculovirus cells.
Sequence	ADPQGGTRSPRCDCAGDFHKKIGLFCCRGCPAGHYLKAPCTEPCGNSTCLVCPQDFTLAWENH HNSECARCQACDEQASQVALENCASAVADTRCGCKPGWFEVCQVSQCVSSTPFYCQPCLDCG ALHRHTRLLCSRRDTCGTCLPGFYEHGDGCVSCPTSTLGSCPERCAAVCGWRQLEPKSCDKT HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLTP PSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSR WQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH
Host	Viruses
Theoretical MW (kDa)	46.1
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Activity	ED ₅₀ ≤ 5 ug/mL, determined by the binding ability in a functional ELISA with Human VEGI (CAT# cyt-589).
Storage Buffer	Solution (0.25 mg/mL) containing 1X PBS, pH 7.4, 10% glycerol.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — TNFRSF25

Entrez GeneID [8718](#)

Protein Accession# [Q93038](#)

Gene Name TNFRSF25

Gene Alias APO-3, DDR3, DR3, LARD, TNFRSF12, TR3, TRAMP, WSL-1, WSL-LR

Gene Description tumor necrosis factor receptor superfamily, member 25

Omim ID [603366](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations

OTTHUMP00000000922|OTTHUMP00000000925|apoptosis inducing receptor|apoptosis-mediating receptor|death domain receptor 3 soluble form|death receptor beta|lymphocyte associated receptor of death|translocating chain-association membrane protein|tumor necrosis

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)

- [Multiple Myeloma](#)
- [Occupational Diseases](#)