

Recombinant Cynomolgus monkey TNFRSF25 Protein, Fc-tagged

Cat. No. TNFRSF25-204C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey TNFRSF25 protein with Fc tag was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	421
Description	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.
Form	Lyophilized

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Molecular Mass	46.3 kDa
AA Sequence	ESAAPVPQALLLVLLGARAQGGTQSPRCDGDFHKKNGVFCCRGCPAGHYLKAP CTEPCGNSTCLLCPQDTFLAWENHHNSECARCQACDEQASQVALENCASAVADTRC GCKPGWFVEQCQVSQCVSSSPFYCQPCLDCRALHRHTRLLCSRRDTCGTCLPGFY EHDDGCVSCPTPPPSLSGAPWGAVQSAVPLSVAGGRVGVFWVQVLLAGLVVPLLL GATLTYTYRHCWPHKPMVTADEAGMEALTPPPATHLSPSDKAHTLLVPPDSSEKICT VQLVDNSWTPGYPHTQEALCPQMTWSWDQLPNRALGPVPASTLLPESPVGSPTM MLQPGPQLYDVMDAVPARRWKEFVRTLGLREAEIEAVEVEIGRFRDQQYEMLKRW RQQQPAGLGAVYAALERMGLDGCAEDLRSRLQRGP
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	TNFRSF25 tumor necrosis factor receptor superfamily, member 25 [Macaca mulatta (Rhesus monkey)]
Official Symbol	TNFRSF25
Synonyms	TNFRSF25; tumor necrosis factor receptor superfamily, member 25; tumor necrosis factor receptor superfamily member 25;
Gene ID	703744
mRNA Refseq	XM_015142586
Protein Refseq	XP_014998072

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