

AITRL Human E. coli

Product Data Sheet

Type: Recombinant	Cat. No.:	
Source: E. coli	RBG10055005	(5 µg)
Species: Human	RBG10055020	(20 µg)
Other names: Activation-induced TNFR member Ligand, TNFSF18, GITRL, TL-6	RBG10055100	(100 µg)

Description

AITRL, a member of the TNF superfamily, is expressed in endothelial cells, and signals through the AITR receptor. AITRL regulates T-cell proliferation and survival, and effectuates the interaction between T lymphocytes and endothelial cells. The AITRL gene codes for a type II transmembrane protein comprised of 177 amino acids, including a 28 amino acid cytoplasmic region, a 21 amino acid transmembrane domain and a 128 amino acid extracellular domain. Recombinant Human soluble AITRL is a 14.4 kDa protein, containing 127 amino acid residues corresponding to the extracellular domain of AITRL.

Research topic

Apoptosis, Immune Response, Infection and Inflammation

Amino Acid Sequence

METAKEPCMA KFGPLPSKWQ MASSEPPCVN KVSDWKLEIL QNGLYLIYQ VAPNANYNDV APFEVRLYKN KDMIQTLTNK
SKIQNVGTTY ELHVGDITDL IFNSEHQVLK NNTYWGIILL ANPQFIS

Source

E. coli

Purity

98%

Biological Activity

Determined by its ability to stimulate IL-8 production by human PBMC using a concentration range of 1.0-10.0 ng/ml. Note: Results may vary with PBMC donors.

Storage, Stability/Shelf Life

-20°C

HEADQUARTERS:				
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