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Recombinant Human AITRL

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 14.3 kDa protein, containing 126 amino acid residues corresponding to the extracellular domain of AITRL.

Source:	E. coli
Molecular Weight:	14.3 kDa
Purity:	> 98% by SDS-PAGE and HPLC analyses
Endotoxin level:	< 0.1 ng per µg of AITRL
Stabilizer:	none
Buffer:	none
Formulation:	lyophilized from 10mM Sodium Phosphate, pH 7.5

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.

Reconstitution: The human AITRL should be reconstituted in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted in water or other buffer solutions or stored at -20°C.

Stability: The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted Human AITRL should be stored in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

Usage: Human AITRL offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 100-122

Size: 20 µg

****please note: always centrifuge product before opening Vial.****