

PRODUCT INFORMATION

AITRL (Activation-induced TNFR member ligand), Human

v. 230901

Catalog number	C01050-5UG / C01050-20UG / C01050-100UG
Package	5 µg / 20 µg / 100 µg
Description	AITRL is a member of the TNF superfamily which is expressed in endothelial cells and signals through the AITR receptor. AITRL regulates T-cell proliferation and survival. It also effectuates the interaction between T lymphocytes and endothelial cells. The AITRL gene codes 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.
Expression System	<i>Escherichia coli</i>
Sequence	Gln50-Ile176
Species of Origin	Human
Affinity Tag	His Tag (C-term)
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce IL-8 secretion in human PBMC using a concentration range of 5-200 ng /mL. Note: Result may vary from different PBMC donors.
Purity	>98% as determined by SDS-PAGE analysis.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Stability & Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p>
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

kDa

75-
63-
48-
35-
25-
17-



SDS-PAGE analysis of recombinant human AITRL

For research use only.