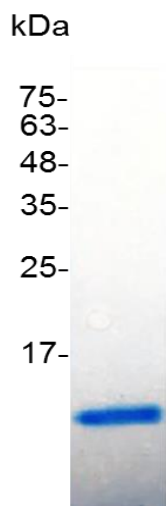


PRODUCT INFORMATION

AITRL (Activation-induced TNFR member ligand), Human

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.
Source	<i>Escherichia coli</i>
Sequence	MQLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQV APNANYNDVAPFEVRLYKNKDMIQTLTNKSKIQNVGGTYELHVGDTIDLIFNSEH QVLKNNTYWGII LIANPQEI with polyhistidine tag at the C-terminus
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 PBMCs. The ED ₅₀ for this effect is <2.5 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within two weeks after protein reconstitution.



SDS-PAGE analysis of recombinant human AITRL

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