

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Human AITRL

PRODUCT NUMBER	HC70040A	5.0 ug
	HC70040B	20.0 ug

DESCRIPTION:

Human AITRL, also known as Activation-Induced TnfR Ligand and TL-6, is a TNF superfamily member. AITRL is expressed by endothelial cells and via signaling through the AITRL receptor - affects T-cell - endothelial cell communication. Also known to be involved in T-cell proliferation, the AITRL gene transcribes a 177 aa type II transmembrane protein with a 28 aa cytoplasmic region, a 128 aa extracellular domain and a 21 aa transmembrane domain. Human AITRL (recombinant) is a 14.4 kDa protein containing 127 aa. extracellular domain.

SOURCE:

E.coli
Purity greater than 98% by HPLC analysis.
Endotoxin level less than 0.1 ng per ug AITRL.

HANDLING AND STORAGE:

Provided as sterile-filtered , lyophilized, additive-free.

Store as lyophilized until ready to use @ -20 Deg. C (dry).
Spin-down vial before reconstitution. Lyophilized, purified reconstitute with 50 uL of sterile **or** distilled water. Further dilute in PBS or other aqueous buffers. This can be stored at -20 Deg. C., in small aliquots,- up to 3 months- **with addition** of **carrier protein**, ie., 0.1% BSA.

BIOACTIVITY:

At concentration from 2.0 ng/mL - 10.0 ng/mL , ability to induce IL-8 production by PBMC (result may vary with donor).

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