

AITRL Human Recombinant, T7 Tag

Item Number	rAP-0299
Synonyms	Osteostat, TNFSF18, Activation-induced TNFR member Ligand, GITRL, TL6, AITRL, Glucocorticoid-induced TNF-related ligand, hGITRL, Tumor necrosis factor ligand superfamily member 18, MGC138237.
Description	AITRL Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 134 amino acids (81-199 a.a) and having a molecular mass of 15kDa. AITRL is fused to a 15 amino acid T7-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UNG2
Amino Acid Sequence	MASMTGGGQM GRGSHMAKFG PLPSKWQMAS SEPPCVNKVS DWKLEILQNG LYLIYGQVAP NANYNDVAPF EVRLYKNKDM IQTLTNKSKI QNVGGTYELH VGDTIDLIFN SEHQVLKNNY YWGIILLANP QFIS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	AITRL protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**