

AITRL Human Recombinant

Item Number	rAP-0297
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 129 amino acids (72-199) and having a molecular mass of 14.6 kDa. AITRL is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UNG2
Amino Acid Sequence	MQLETAKEPC MAKFGPLPSK WQMASSEPPC VNKVSDWKLE ILQNGLYLIY GQVAPNANYN DVAPFE- VRLY KNKDMIQTLT NKSKIQNVGG TYELHVGDTI DLIFNSEHQV LKNNTYWGII LLANPQFIS
Source	E.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	The AITRL solution (0.5mg/ml) contains 10mM sodium citrate (pH 3.5), 1mMDTT and 10% glycerol 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**