

## 32-6295: AITR Human

**Alternative Name :** TNFRSF18, AITR, CD357, GITR, GITR-D, Tumor necrosis factor receptor superfamily member 18, Activation-inducible TNFR family receptor, Glucocorticoid-induced TNFR-related protein, CD357, UNQ319/PRO364.

### Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Tumor necrosis factor receptor superfamily member 18 (AITR) is a member of the tumor necrosis factor receptor superfamily. AITR is receptor for TNFSF18 and appears to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. AITR is mediates NF-kappa-B activation via the TRAF2/NIK pathway.

AITR Human Recombinant produced in Sf9 Baculovirus is a single, glycosylated polypeptide chain containing 145 amino acids (26-162a.a.) and having a molecular mass of 15.6kDa (Migrates at 18-28kDa on SDS-PAGE under reducing conditions).AITR is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** AITR protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** QRPTGGPGCG PGRLLLGTGT DARCCRVHTT RCCRDYPGEE CCSEWDCCMCV QPEFHC GDPC  
CTTCRHHPCP PGQGVQSQ GK FSFGFQCIDC ASGTFSGGHE GHCKPWT DCT QFGFLT VFP  
NKTHNAV CVP GSPPAEPLH HHHHH.