
Product Data Sheet

Product Name: AITR Human
 Cat. No.: GP20030
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TNFRSF18; AITR; CD357; GTR; GTR-D; Tumor necrosis factor receptor superfamily member 18; Activation-inducible TNFR family receptor; Glucocorticoid-induced TNFR-related protein; CD357; UNQ319/PRO364.		
Amino Acid Sequence	QRPTGGPGCG PGRLLLTGT DARCCRVHTT RCCRDPGEE CCSEWDCMCV QPEFHCGDPC CTTCRHHPCP PGQGVQSQ GK FSFGFQCIDC ASGTFSGGHE GHCKPWT DCT QFGFLTVFPG NKTHNAV CVP GSPPAEPLH HHHHH.		
Formulation	AITR protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

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.

Stability

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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