

**Tumor necrosis factor receptor superfamily member 18, 26-162aa, Human, His tag, Insect cell**

**Cat.NO.: TP04343**

3th Edition

**Synonyms:**TNFRSF18, AITR, CD357, GITR, GITR-D

**Description:**TNFRSF18, also known as tumor necrosis factor receptor superfamily member 18, belongs to the tumor necrosis factor receptor superfamily. It is receptor for TNFSF18 and seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. It is mediated NF-kappa-B activation via the TRAF2/NIK pathway. Recombinant human TNFRSF18, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**15.6kDa (145aa) 18-28KDa (SDS-PAGE under reducing conditions.)

**Sequences:**

QRPTGGPGCGPGRLLLLGTGTDARCCRVHTTRCCRDYPGEECCSEWDCMCVQPEFHCGDPCCTTCRHHPCPPG  
QGVQSQGKFSFGFQCIDCASGTFSGGHEGHCKPWTDCQFGFLTVPGNKTHNAVCPGSPPAEPLHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.