

Tumor necrosis factor receptor superfamily member 9, 24-187aa, Mouse, His tag, Insect cell

Cat.NO.: TP04348

3th Edition

Synonyms:Tnfrsf9, 4-1BB ligand receptor, T-cell antigen 4-1BB, CD antigen: CD137, Cd137, Ila, Ly63

Description:TNFRSF9, also known as tumor necrosis factor receptor superfamily member 9, interacts with TNFSF9 expressed on activated T cells and delivers a co-stimulatory signal for T cell activation and growth. It binds with high affinity to the transmembrane TNFSF9(4-1BB ligand) which expressed on antigen presenting cells and myeloid progenitor cells. Recombinant mouse TNFRSF9, 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:18.6kDa (172aa) 18-28KDa (SDS-PAGE under reducing conditions.)

Sequences:

VQNSCDNCQPGTFCRKYNPVCKSCPPSTFSSIGGQPNCNICRVAGYFRFKKFCSTHNAECECIEGFHCLGPQC
TRCEKDCRPGQELTKQGCKTCSLGTFNQNGTGVCRPWTNCSLDGRSVLKTGTTEKDVVCGPPVVSFSPSTTISV
TPEGGPGHSLQVLEHHHHHH

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.