

AR50346PU-S

Human CD137 / TNFRSF9 (18-186, His-tag) - Purified

Alternate names:

4-1BB homolog, 4-1BB ligand receptor, CDw137, ILA, T-cell antigen 4-1BB homolog, T-cell antigen ILA, Tumor necrosis factor receptor superfamily member 9

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

TNFRSF9, also known as CD137 or ILA, is a member of the TNF superfamily of receptors. This protein is mainly expressed on the surface of a variety of T cells, but also found in B cells, monocytes, and various transformed cell lines. TNFRSF9 is expressed on activated T cells and binds an inducible ligand that is found on B cells, macrophages and dendritic cells.

Uniprot ID:

[Q07011](#)

NCBI:

[NP_001552](#)

GeneID:

[3604](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Description:

Recombinant human TNFRSF9 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMFERTS LQDPCSNCPA GTFCDNNRNQ ICSPCPPNSF
SSAGGQRTCD ICRQCKGVFR TRKECSSTSN AECDCPTGFH CLGAGCSMCE QDCKQGQELT
KKGCKDCCFG TFNDQKRGIC RPWTNCSLDG KSVLVNGTKE RDVVCGPSPA DLSPGASSVT
PPAPAREPGH SPQ

Molecular weight: 20 kDa (193aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Langstein J., et al. (2000) Biochem Biophys Res. 273:117-122. Kienzle G., et al. (2000) Int. Immunol. 12: 73-82.

Pictures:

