



Recombinant Protein Technical Manual

Recombinant Human 4BB/TNFRSF9 Protein (mFc Tag)

RPES4976

Product Data:

Product SKU: RPES4976

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q07011

Protein Information:

Molecular Mass: 43.8 kDa

AP Molecular Mass: 50-70 kDa

Tag: C-mFc

Bio-activity:

Purity: > 90% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: CD137; ILA; TNFRSF9; 4BB ligand receptor; CDw137; T-cell antigen 4BB homolog; T-cell antigen ILA

Immunogen Information:

Sequence: Leu24-Gln186

Background:

Tumor necrosis factor receptor superfamily member 9 (TNFRSF9) is an inducible T cell surface protein belonging to the TNF receptor superfamily. It is a single-pass type I membrane protein which contains 4 TNFR-Cys repeats. The human and mouse proteins share 60% amino acid sequence identity. It is absent from naive T cells, but upregulated and continually expressed following T cell activation. It is a receptor for TNFSF9/4BBL, and possibly active during T cell activation.