

Recombinant Human 4-1BB/TNFRSF9 Protein (mFc Tag)



Catalog Number: PKSH033786

Note: Centrifuge before opening to ensure complete recovery of vial contents.

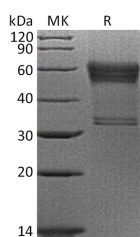
Description

Synonyms	CD137; ILA; TNFRSF9; 4-1BB ligand receptor; CDw137; T-cell antigen 4-1BB homolog; T-cell antigen ILA
Species	Human
Expression Host	HEK293 Cells
Sequence	Leu24-Gln186
Accession	Q07011
Calculated Molecular Weight	43.9 kDa
Observed molecular weight	50-70 kDa
Tag	C-mFc

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°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. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

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 TNFSF9/4-1BBL; and possibly active during T cell activation.

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