Recombinant Human 4-1BB/TNFRSF9/CD137 Protein

Catalog No.: RP00466 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	3604	Q07011

Tags
C-6×His

Synonyms
TNFRSF9;4-1BB;CD137;CDw137;ILA

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.

Basic Information

Description
Recombinant Human 4-1BB/TNFRSF9/CD137 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Leu24-Gln186) of human 4-1BB/TNFRSF9/CD137 (Accession #Q07011) fused with a 6×His tag at the C-terminus.

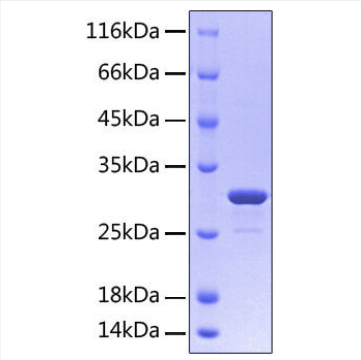
Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact

www.abclonal.com

Validation Data



Recombinant protein Human 4-1BB/TNFRSF9/CD137 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 30 kDa.