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## Product Datasheet

### Recombinant Cynomolgus 4-1BB (C-Fc) EBT-EPT062

Artikelname	Recombinant Cynomolgus 4-1BB (C-Fc)
Artikelnummer	EBT-EPT062
Hersteller Artikelnummer	EPT062
Alternativnummer	EBT-EPT062-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Cynomolgus 4-1BB ligand Receptor is produced by our Mammalian expression system and the target gene encoding Leu24-Gln186 is expressed with a Fc tag at the N-terminus....
Molekulargewicht	Molecular weight: 44.4 KDa. Apparent molecular weight: 60 KDa, reducing conditions
UniProt	<a href="#">A9YYE7</a>
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Biological activity: Immobilized Cynomolgus 4-1BB-Fc(CatCB19) at 2 µg/ml (100 µl/well) can bind Human 4-1BBL-His-Flag(CatC17A). The ED50 of Human 4-1BBL-His-Flag(CatC17A) is 0.418 µg/ml. Background: Tumor necrosis factor receptor superfamily member 9(TNFRSF9), also known as CD137 and 4-1BB, is an inducible T cell surface protein belonging to the tumor necrosis factor 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. CD137 is expressed by mesenchymal cells, including endothelial cells, chondrocytes, and cells of the central nervous system. CD137 is also broadly expressed by cells of the human immune system, including activated CD8+ and CD4+ T cells, activated natural killer (NK) cells, follicular dendritic cells (FDCs) and monocytes. CD137 has diverse roles in the immune response, the one key function is to promote the survival of both T cells and dendritic cells by binding the cognate ligand CD137L (4-1BBL).