BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

Product Datasheet

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

Article Name	Recombinant Cynomolgus 4-1BB (C-Fc)
Biozol Catalog Number	EBT-EPT062
Supplier Catalog Number	EPT062
Alternative Catalog Number	EBT-EPT062-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	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....
Molecular Weight	Molecular weight: 44.4 KDa. Apparent molecular weight: 60 KDa, reducing conditions
UniProt	A9YYE7
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/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 2μg/ml (100 μl/well)can bind Human 4-1BBL-His-Flag(CatC17A). The ED50 of Human 4-1BBL-His-Flag(CatC17A)is 0.418 ug/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, is 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).