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Product Datasheet

Recombinant Human OX40L (C-mFc) EBT-EPT015

Article Name	Recombinant Human OX40L (C-mFc)
Biozol Catalog Number	EBT-EPT015
Supplier Catalog Number	EPT015
Alternative Catalog Number	EBT-EPT015-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human OX40 Ligand is produced by our Mammalian expression system and the target gene encoding Gln51-Leu183 is expressed with a mFc tag at the C-terminus....
Molecular Weight	Molecular weight: 42.2 KDa. Apparent molecular weight: 50-70 KDa, reducing conditions
UniProt	P23510
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 Human OX40-Fc(CatCK58) at 8µg/ml (100 µl/well) can bind Human OX40L-mFc(CatCW25). The ED50 of Human OX40L-mFc(CatCW25) is 18.54 ng/ml. Background: Tumor necrosis factor ligand superfamily member 4(TNFSF4/OX40L) is a single-pass type II membrane protein. OX40L is expressed on the surface of activated B cells, T cells, dendritic cells and endothelial cells. OX40L binds to OX40 (CD134), a member of the TNF receptor superfamily that is expressed predominantly on activated CD4+ T cells. OX40-OX40L co-stimulates signal to promote the survival and proliferation of activated CD4+ T cells and prolong the immune response. It is involved in T-cell proliferation and cytokine production. Additionally, it has been found associated with systemic lupus erythematosus, but no association with occurrence of atherosclerosis.