

Recombinant Cynomolgus OX40 Ligand/TNFSF4/OX40L Protein (His Tag)

Catalog Number: PKSQ050028

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

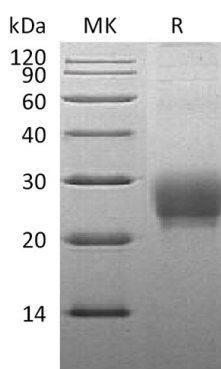
Description

Species	Cynomolgus macaques
Source	HEK293 Cells-derived Cynomolgus macaques TNFSF4/OX40L protein Gln51-Leu183, with an N-terminal His
Calculated MW	16.5 kDa
Observed MW	23-30 kDa
Accession	F7FL80
Bio-activity	Immobilized Human OX40-Fc(PKSH032843) at 10µg/ml (100 µl/well) can bind Cynomolgus OX40L-His(PKSQ050028). The ED ₅₀ of Cynomolgus OX40L-His(PKSQ050028) is 17.75 ng/ml.

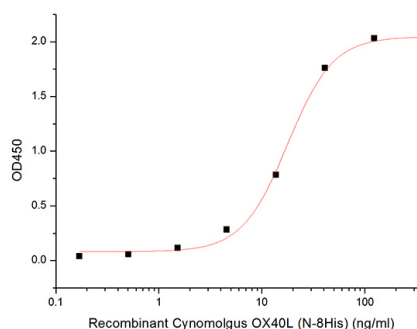
Properties

Purity	> 95 % 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% Tween 80 are added as protectants before lyophilization.
Reconstitution	Please refer to the specific buffer information in the printed manual. Please refer to the printed manual for detailed information.

Data



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Immobilized Human OX40-Fc(PKSH032843) at 10µg/ml (100 µl/well) can bind Cynomolgus OX40L-His(PKSQ050028). The ED₅₀ of Cynomolgus OX40L-His(PKSQ050028) is 17.75 ng/ml.

Background

For Research Use Only

Tumor necrosis factor ligand superfamily member 4(TNFSF4/OX40L) is a single-pass type II membrane protein. OX40L is expressed by DCs, macrophages and B cells and signals via its cognate receptor OX40 which is mainly expressed on APCs. OX40L/OX40 interactions are important in T-cell activation and survival and for the generation of memory T cells from activated effector T cells. It is a cytokine that binds to TNFRSF4, Co-stimulates T-cell proliferation and cytokine production. OX40L/OX40 interactions are important in T-cell activation and survival and for the generation of memory T cells from activated effector T cells.