

Human OX40/TNFRSF4/CD134 Protein

HA210157



Product name:	Human OX40/TNFRSF4/CD134 Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human OX40/TNFRSF4/CD134 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Leu29-Ala216.[Accession P43489]
Background:	Tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), also known as CD134 and OX40 receptor. OX40 is a secondary co-stimulatory immune checkpoint molecule, expressed after 24 to 72 hours following activation; its ligand, OX40L, is also not expressed on resting antigen presenting cells, but is following their activation.
Purity:	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	P43489
Predicted molecular mass:	The protein has a predicted MW of 23.2 kDa. Due to glycosylation, the protein migrates to 48-55 kDa based on Tris-Bis PAGE result.
Formulation:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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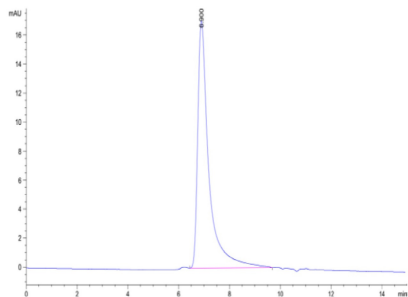


Fig1: The purity of Human OX40 is greater than 95% as determined by SEC HPLC.

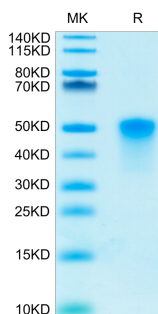


Fig2: Human OX40 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

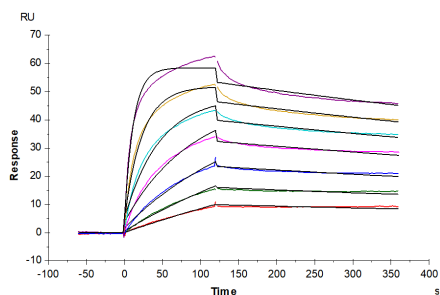


Fig3: Human OX40, His-Avi Tag captured on CM5 Chip via Anti-His Antibody can bind Human OX40 Ligand, hFc Tag with an affinity constant of 4.17 nM as determined in SPR assay (Biacore T200).

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".