

Human OX40 Protein; His Tag

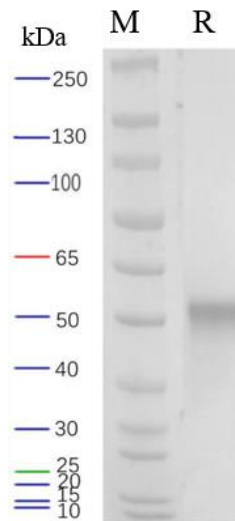
Product Information

Product Name	Human OX40 Protein; His Tag
Storage temp.	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-87515RP-100 / 100 μg GM-87515RP-1000 / 1 mg

Protein Information

Alternative Names	TNFRSF4,OX40,CD134,ACT35,TXGP1L
Source	Human OX40 Protein; His Tag (GM-87515RP) is expressed from human 293 cells (HEK-293). It contains AA Leu 29 - Ala 216 (Accession # P43489-1). This protein carries a His tag at the C-terminus.
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	21.4 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.4.
Description	OX40 protein, also known as CD134, is a protein on the cell membrane belonging to the TNF receptor superfamily. It plays an important role in immune regulation, particularly in regulating T cell function. OX40 is a co-stimulatory molecule with its ligand being OX40L. When OX40 binds to its ligand OX40L, it activates signaling pathways, thereby promoting the survival, proliferation, and function of T cells. Studies have shown that utilizing OX40 protein as a target in immunotherapy can enhance anti-tumor immune responses, treat autoimmune diseases, and play a role in infectious diseases and transplant rejection reactions. Thus, OX40 protein and its signaling pathways are of significant importance in immune regulation and disease treatment.

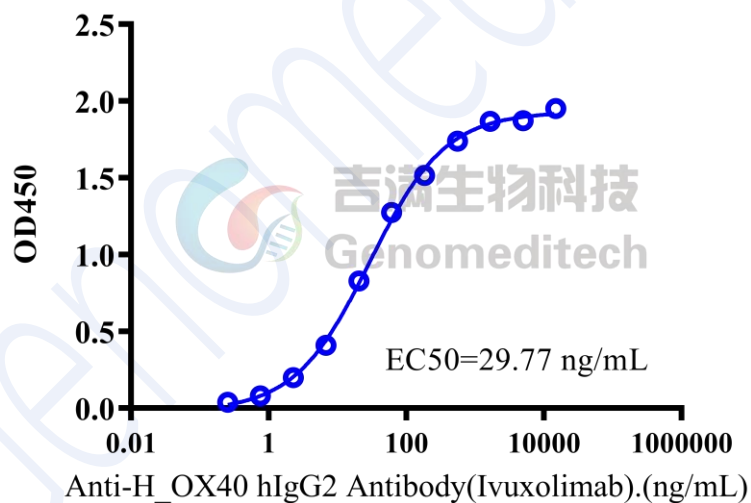
SDS-PAGE



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-ELISA

Human OX40 Protein; His Tag, ELISA 0.1 µg Human OX40 Protein; His Tag of per well



Human OX40 Protein; His Tag (Catalog # GM-87515RP) was immobilized at 1 µg/ml (100 µL/well). Increasing concentrations of Anti-H_OX40 hIgG2 Antibody (Ivuxolimab) (Catalog # GM-23373AB) were added.