## For Research Use Only Recombinant Human OX40/CD134 protein (Myc Tag, His Tag)



## Catalog Number: Eg0022

Basic Information	<b>Species:</b> Human	Purity: >95 %, SDS-PAGE	<mark>Tag:</mark> Myc Tag, His Tag			
	EC50: 0.3-1.2 ng/mL					
Technical Specifications	Purity: >95 %, SDS-PAGE					
	<b>Endotoxin Level:</b> <0.1 EU/ μ g protein, LAL meth	bd				
	Source: HEK293-derived Human OX40 protein Leu29-Ala214 (Accession# P43489) with a Myc tag and a His tag at the C- terminus.					
	GenelD: 7293					
	Accession: P43489 Predicted Molecular Mass: 22.5 kDa SDS-PAGE: 38-50 kDa, reducing (R) conditions					
				<b>Formulation:</b> Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
				<b>Biological Activity</b>	Immobilized Human OX40 (Myc tag, His tag) at 2 µg/mL (100 µL/well) can bind Human OX40L (hFc tag) with a linear range of 0.3-1.2 ng/mL.	
	Storage and Shipping	Storage: It is recommended that the pr	otein be aliquoted for optimal stora	ge. Avoid repeated freeze-thaw cycles.		
<ul> <li>Until expiry date, -20°C to -80°C as lyophilized proteins.</li> <li>3 months, -20°C to -80°C under sterile conditions after reconstitution.</li> </ul>						
Shipping: The product is shipped at amb temperature.		ient temperature. Upon receipt, sto	re it immediately at the recommended			
Reconstitution	Briefly centrifuge the tube be	fore opening. Reconstitute at 0.1-0.	5 mg/mL in sterile water.			
Background	CD134 (OX40, TNFRSF4) is a me OX40-OX40L coupling is critic. T-lymphocytes early after anti endothelial cells within acute (CD134) is activated by its cog molecule. OX40 is expressed o can interact with TRAF2, TRAF3 is a good prognosis, making it	mber of the TNFR-superfamily of re al for cell survival and proliferation. gen activation, OX40L is expressed of inflammatory environments. The tu nate ligand OX40L (CD134L, CD252) on activated T cells, and in the mouse , and TRAF5. OX40 is an immune che a highly relevant target for the deve	ceptors. Recent evidence indicates that While OX40 is expressed predominantly on on activated antigen presenting cells and mour necrosis factor receptor OX40 and functions as a T cell co-stimulatory e at rest on regulatory T cells (Treg). CD134 ckpoint in cancer and its presence in cancer clopment of new immunotherapies.			
References	1.Wu LY. et al. (2020). Exp Neur 2.Gough MJ. et al. (2009). Adv E 3.Webb GJ. et al. (2016). Clin Re 4.Cebada J. et al. (2021). Expert	ol. 326:113179. xp Med Biol. 647:94-107. :v Allergy Immunol. 50(3):312-32. Opin Ther Pat. 31(1):81-90.				
Synonyms	OX40/TNFRSF4, TNFRSF4, ACT3	5, ACT35 antigen, CD134				

## Selected Validation Data





Purity of Recombinant Human OX40 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

Immobilized Human OX40 (Myc tag, His tag) at 2  $\mu$  g/mL (100  $\,\mu$  L/well) can bind Human OX40L (hFc tag) with a linear range of 0.3-1.2 ng/mL

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.