

For Research Use Only

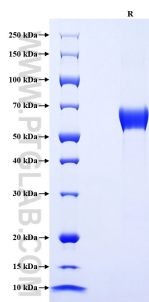
# Recombinant Mouse CD134/OX40 protein (rFc Tag)



Catalog Number: Eg2936

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p><b>Purity:</b> &gt;90 %, SDS-PAGE</p> <p><b>Endotoxin Level:</b> &lt;0.1 EU/ µg protein, LAL method</p> <p><b>Source:</b> HEK293-derived Mouse CD134 protein Val20-Pro211 (Accession# P47741) with a rabbit IgG Fc tag at the C-terminus.</p> <p><b>GeneID:</b> 22163</p> <p><b>Accession:</b> P47741</p> <p><b>Predicted Molecular Mass:</b> 47.3 kDa</p> <p><b>SDS-PAGE:</b> 55-70 kDa, reducing (R) conditions</p> <p><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.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p><b>Storage:</b> It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"><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> <p><b>Shipping:</b> The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>CD134, also known as OX40 and TNFRSF4, is a member of the TNFR-superfamily of receptors. It is a type I transmembrane protein predominantly expressed on activated T cells which include CD4 and CD8 T cells, Th2, Th1, and Th17 cells, as well as regulatory T cells (Tregs). CD134 is activated by its cognate ligand CD134L (OX40L) and functions as a T cell co-stimulatory molecule. CD134-CD134L interactions have been proposed as a potential therapeutic target for treating autoimmune diseases, cancer and infectious disease.</p>		
References	<ol style="list-style-type: none"><li>1. Paterson DJ. et al. (1987) Mol Immunol. 24(12):1281-1290.</li><li>2. Roos A. et al. (1998) J Leukoc Biol. 64(4):503-510.</li><li>3. Croft M. (2010) Annu Rev Immunol. 28:57-78.</li><li>4. Webb GJ. et al. (2016) Clin Rev Allergy Immunol. 50(3):312-332.</li></ol>		
Synonyms	CD134, Tnfrsf4, OX40, OX40 antigen, OX40L receptor		

## Selected Validation Data



Purity of Recombinant Mouse CD134 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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