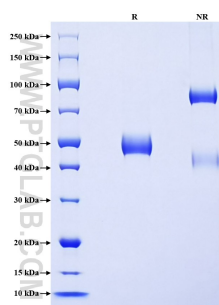


Recombinant Mouse OX40L/TNFSF4 protein (rFc Tag)

Catalog Number: Eg1573

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Mouse OX40L protein Ser51-Leu198 (Accession# P43488) with a rabbit IgG Fc tag at the N-terminus.</p> <p>GeneID: 22164</p> <p>Accession: P43488</p> <p>Predicted Molecular Mass: 43.7 kDa</p> <p>SDS-PAGE: 45-55 kDa, reducing (R) conditions</p> <p>Formulation: 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>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: 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>The OX40 ligand (OX40L) is also named as TNFSF4, CD252, Glycoprotein Gp34 and TXGP1. It belongs to the tumor necrosis factor family. OX40L is a costimulatory molecules that is mainly expressed on APCs, including mature DCs, B cells, and macrophages. OX40L interacts with OX40 (also CD134) that is preferentially expressed on activated CD4 T cells. OX40L expression in DCs is up-regulated by several stimulatory signalings, including thymic stromal lymphopoietin (TSLP), CD40, PAMPs, and IFN- α . Of note, IgE-Ag complex-activated mast cells up-regulate the expression of OX40L, and interactions between OX40L on mast cells and OX40 on T cells is required for T cell proliferation.</p>		
References	<ol style="list-style-type: none"> 1.Sugamura K. et al. (2004) Nat Rev Immunol. 4(6):420-31. 2.Yashiro T. et al. (2016) Sci Rep. 6:34825. 3.Kirche JS. et al. (2012) J Immunol. 188(2):585-93. 4.Ito T. et al. (2005) J Exp Med. 202(9):1213-23. 5.Nakae S. et al. (2006) J Immunol. 176(4):2238-48. 		
Synonyms	CD252, OX40 ligand, OX40L, Tnfsf4, Tumor necrosis factor ligand superfamily member 4		

Selected Validation Data



Purity of Recombinant Mouse OX40L was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

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

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