

For Research Use Only

Recombinant Human CD30 Ligand/TNFSF8 protein (rFc Tag)



Catalog Number: Eg2118

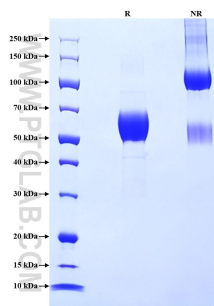
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/μg protein, LAL method</p> <p>Source: HEK293-derived Human CD30 Ligand protein Gln63-Asp234 (Accession# P32971) with a rabbit IgG Fc tag at the N-terminus.</p> <p>GeneID: 944</p> <p>Accession: P32971</p> <p>Predicted Molecular Mass: 46.8 kDa</p> <p>SDS-PAGE: 48-68 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	TNFSF8, also named as CD30LG and CD153, is a member of the tumor necrosis factor (TNF) receptor superfamily. It is the cytokine that binds to TNFRSF8/CD30. It induces proliferation of T-cells. CD30L enhanced the proliferation of CD3-activated T cells, but induced differential responses, including cell death, in several CD30-positive lymphoma-derived cell lines.		
References	<ol style="list-style-type: none">1. Ezogelin Oflazoglu, et al. (2009) Adv Exp Med Biol. 647:174-85.2. Nancy D Marin, et al. (2017) Tuberculosis (Edinb). 102:8-15.3. Jin Duan, et al. (2019) Int Immunopharmacol. 71:350-360.		
Synonyms	CD30 L, TNFSF 8, TNFSF8, CD30L, CD30-L		

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Purity of Recombinant Human CD30 Ligand 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.