

For Research Use Only

Recombinant Human CD30/TNFRSF8 protein (rFc Tag)



Catalog Number: Eg1604

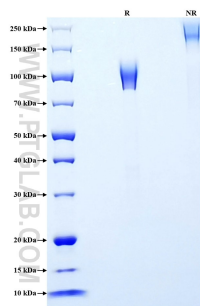
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/µg protein, LAL method Source: HEK293-derived Human CD30 protein Phe19-Lys379 (Accession# NP_001234.2) with a rabbit IgG Fc tag at the C-terminus. GeneID: 943 Accession: NP_001234.2 Predicted Molecular Mass: 64.8 kDa SDS-PAGE: 85-125 kDa, reducing (R) conditions 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.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	CD30, also known as TNFRSF8 or Ki-1, is a transmembrane glycoprotein belonging to the tumor necrosis factor receptor superfamily. It is composed of an extracellular domain with six cysteine-rich repeats, a transmembrane segment, and an intracellular domain. CD30 is expressed on a small subset of activated T and B lymphocytes, and a variety of lymphoid neoplasms, with the highest expression in classical Hodgkin's lymphoma and anaplastic large cell lymphoma. The CD30 ligand (CD30L or CD153) is a type II transmembrane glycoprotein of the tumor necrosis factor ligand superfamily. Signal transduction of CD30/CD30L utilizes signal transducers, TNFR-associated factors (TRAF1, 2, 3 and 5).		
References	1. H Dürkop, et al. (1992) Cell. 68(3):421-7. 2. R Horie, et al. (1998) Semin Immunol. 10(6):457-70. 3. C A van der Weyden, et al. (2017) Blood Cancer J. 7(9):e603. 4. H J Gruss, et al. (1996) Am J Pathol. 149(2):469-81.		
Synonyms	CD30, CD30L receptor, D1S166E, Ki 1, Ki 1 antigen		

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

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Selected Validation Data



Purity of Recombinant Human CD30 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.