

RP00558

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Recombinant Human TNFRSF8/CD30 Protein

Catalog No.: RP00558

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	943	P28908-1

Tags

C-hFc

Synonyms

CD30; CD30KI-1; CD30L receptor;
TNFRSF8; D1S166EKI-1; CD30KI-1

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE ; > 95% by HPLC

Endotoxin

< 1 EU/μg of the protein by LAL method

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The transmembrane receptor CD30 (TNFRSF8) and its ligand CD30L (CD153, TNFSF8) are members of the tumor necrosis factor (TNF) superfamily and display restricted expression in subpopulations of activated T-and B-cells in nonpathologic conditions. CD30 expression is upregulated in various hematological malignancies, including Reed-Sternberg cells in Hodgkin's disease (HD), anaplastic large cell lymphoma (ALCL) and subsets of Non-Hodgkin's lymphomas (NHLs).

Basic Information

Description

Recombinant Human TNFRSF8/CD30 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe19-Lys379) of Human TNFRSF8/CD30 (Accession #P28908-1) fused with a C-hFc tag at the C-terminus.

Bio-Activity

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

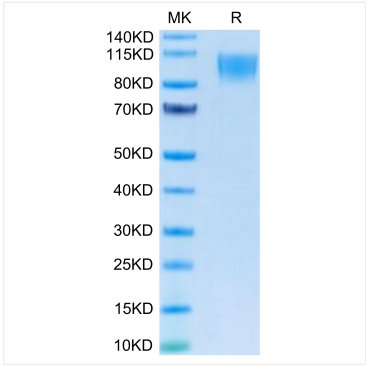
Contact



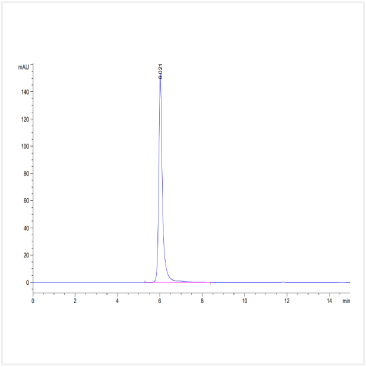
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* For your safety and health, please wear a lab coat and disposable gloves when handling.

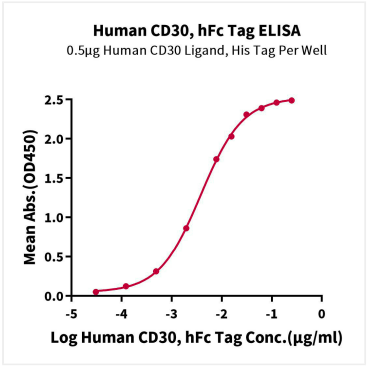
Validation Data



Human CD30 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human CD30 is greater than 95% as determined by SEC-HPLC.



Immobilized Human CD30 Ligand, His Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Human CD30, hFc Tag with the EC₅₀ of 3.8ng/mL determined by ELISA.