

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
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Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ µg protein, LAL method

Source:
HEK293-derived Human CD30 Ligand protein Gln63-Asp234 (Accession# P32971) with a rabbit IgG Fc tag at the N-terminus.

GeneID:
944

Accession:
P32971

Predicted Molecular Mass:
46.8 kDa

SDS-PAGE:
48-68 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

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.

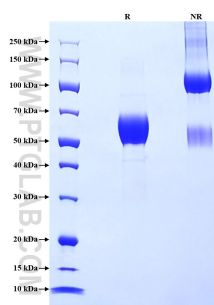
References

- 1.Ezogelin Oflazoglu, et al. (2009) Adv Exp Med Biol. 647:174-85.
- 2.Nancy D Marín, 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

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.

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

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