

For Research Use Only

Recombinant Mouse CD30 Ligand/TNFSF8 protein (His Tag)



Catalog Number: Eg0667

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: His Tag
-------------------	-------------------	----------------------------	-----------------

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Mouse CD30 Ligand protein Gln68-Asp239 (Accession# P32972) with a His tag at the N-terminus.

GeneID:
21949

Accession:
P32972

Predicted Molecular Mass:
20.5 kDa

SDS-PAGE:
27-42 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m 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.

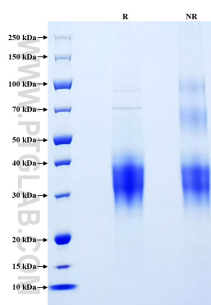
References

1. Ezogelin Oflazoglu, Iqbal S Grewal, Hanspeter Gerber. (2009) Adv Exp Med Biol. 647:174-85.
2. Nancy D Marín, Luis F García. (2017) Tuberculosis (Edinb). Jan:102:8-15.
3. Jin Duan, Yaxian Gao. (2019) Int Immunopharmacol. Jun:71:350-360.

Synonyms

Tnfsf8, CD30 ligand, CD30-L, Tumor necrosis factor ligand superfamily member 8

Selected Validation Data



Purity of Recombinant Mouse 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

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.