

For Research Use Only

Recombinant Mouse B7-H3/CD276 protein (rFc Tag)



Catalog Number: Eg3849

Basic Information

Species:
Mouse

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Mouse B7-H3 protein Val29-Ala248 (Accession# Q8VE98) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

102657

Accession:

Q8VE98

Predicted Molecular Mass:

50.2 kDa

SDS-PAGE:

60-70 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

B7 homolog 3 protein (B7-H3), also known as CD276, is an immune checkpoint molecule and a costimulatory/coinhibitory immunoregulatory protein that plays a dual role in the immune system. It was first cloned in 2001 from a cDNA library that was derived from human dendritic cells (DCs).

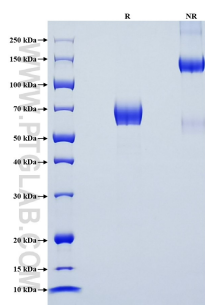
References

1. Hofmeyer KA, et al. Proc Natl Acad Sci USA (2008) 105:10277-8.
2. Chapoval AI, Chapoval AI, Nat Immunol (2001) 2:269-74.

Synonyms

Cd276, B7 homolog 3, B7h3, B7-H3, B7RP 2

Selected Validation Data



Purity of Recombinant Mouse B7-H3 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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