

For Research Use Only

Recombinant Human CD24 protein (rFc Tag)



Catalog Number: Eg1779

Basic Information

Species:
Human

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 Human CD24 protein Ser27-Gly59 (Accession# P25063-1) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

100133941

Accession:

P25063-1

Predicted Molecular Mass:

29.4 kDa

SDS-PAGE:

38-50 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

CD24 (known as heat stable antigen) is a small highly glycosylated GPI-linked sialoprotein. It is normally expressed at the surface of most B lymphocytes and differentiating neuroblasts, and it is also up-regulated in a wide variety of cancers. Studies have shown that CD24 functions in the regulation of B-cell apoptosis, leukocyte signal transduction, and leukocyte adhesion.

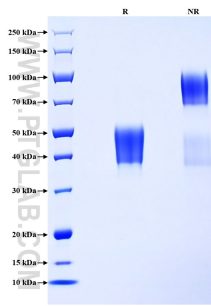
References

1. T Suzuki, et al. (2001). J Immunol. May 1;166(9).
2. Yang Liu, Pan Zheng. (2023). Front Immunol. May 9;14:1174789.
3. Yang-Hong Ni, et al. (2020). Curr Gene Ther. 20(2):109-126.
4. Peter Altevogt, et al. (2021). Int J Cancer. Feb 1;148(3):546-559.

Synonyms

CD24A

Selected Validation Data



Purity of Recombinant Human CD24 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.