

For Research Use Only

Recombinant Mouse CD24 protein (rFc Tag)



Catalog Number: Eg2104

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
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Technical Specifications

Purity:
>90 %, SDS-PAGE

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

Source:
HEK293-derived Mouse CD24 protein Asn27-Gly53 (Accession# P24807) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
12484

Accession:
P24807

Predicted Molecular Mass:
29.0 kDa

SDS-PAGE:
37-55 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.

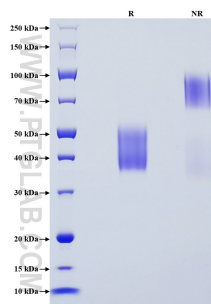
References

1. Wenwen Chen, et al. (2023) Biomedicines. Nov 27;11(12):3159.
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.

Synonyms

Cd24a, CD24a antigen, HSA, Ly 52, nectadrin

Selected Validation Data



Purity of Recombinant Mouse 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

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