

For Research Use Only

Recombinant Mouse CD43 protein (rFc Tag)



Catalog Number: Eg1395

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 CD43 protein Asp20-Gly248 (Accession# P15702) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

20737

Accession:

P15702

Predicted Molecular Mass:

48.8 kDa

SDS-PAGE:

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

CD43 (leukosialin) is a large sialoglycoprotein abundantly expressed on the surface of most cells from the hematopoietic lineage. CD43 has also been suggested to be present in colon adenomas and colon carcinomas. CD43 also mediates leukocyte homing to inflammatory sites through binding to E-selectin expressed in endothelial cells from inflamed tissues.

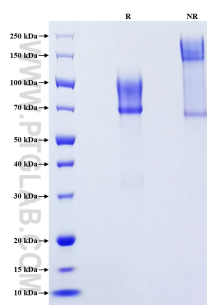
References

1. Alisson-Silva F. et al. (2019) Sci Rep. 9(1):8628.
2. Batdorf BH. et al. (2017) Tumour Biol. 23(4):193-201.
3. Matsumoto M. et al. (2008) J Immunol. 181(5):3628-35.

Synonyms

B-cell differentiation antigen LP-3, CD43 cytoplasmic tail, CD43ct, CD43-ct, Leukocyte sialoglycoprotein

Selected Validation Data



Purity of Recombinant Mouse CD43 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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