

For Research Use Only

Recombinant Rabbit CD8B protein (His Tag)



Catalog Number: Eg3262

Basic Information	Species: Rabbit	Purity: >90 %, SDS-PAGE	Tag: His Tag
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Technical Specifications

Purity:
>90 %, SDS-PAGE

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

Source:
HEK293-derived Rabbit CD8B protein Ser19-Cys164 (Accession# G1SX39) with a His tag at the C-terminus.

GeneID:
100355767

Accession:
G1SX39

Predicted Molecular Mass:
17.2 kDa

SDS-PAGE:
25-32 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

CD8 is a transmembrane glycoprotein predominantly expressed on cytotoxic T cells and can also be found on natural killer cells, cortical thymocytes, and dendritic cells. CD8b (T-cell surface glycoprotein CD8 beta chain) is an integral membrane glycoprotein that forms disulfide-linked heterodimers with CD8a (CD8 alpha chain). The CD8 alpha/beta heterodimer is the predominant CD8 complex expressed on the cell surface.

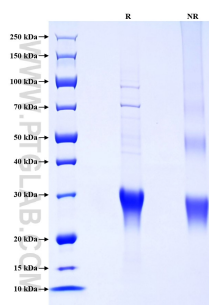
References

1. Hennecke S. et al. (1993). J Biol Chem. 268(35):26607-12.
2. Xie Q, et al. (2021). Acta Pharm Sin B. 11(6):1365-1378.
3. Wheeler CJ. et al. (1992). Nature. 357(6375):247-9.
4. Terry LA. et al. (1990). Tissue Antigens. 35(2):82-91.

Synonyms

CD8 subunit beta

Selected Validation Data



Purity of Recombinant Rabbit CD8B 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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