

RP02778

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Recombinant Mouse DEC-205/CD205 Protein

Catalog No.: RP02778

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	17076	Q60767

Tags

C-His

Synonyms

CD205; DEC205; DEC-205; Ly75

Product Information

Source

HEK293 cells

Purification

> 95% as determined by HPLC

Endotoxin

<1EU/μg

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Background

Lymphocyte antigen 75 (Ly75/CD205) is a surface marker on mitotic germ cells in rainbow trout. In mammals, several cell surface molecular markers have been characterized in order to identify the mitotic germ cells. The expression profile of Ly75 protein was similar to that of the mRNA. Furthermore, identification of various fish homologs of Ly75 confirmed that their amino acid sequences are well conserved. Therefore, Ly75 may be appropriate for use as a versatile cell surface marker for mitotic germ cells in fish.

Basic Information

Description

Recombinant Mouse DEC-205/CD205 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser28-Asp1667) of mouse DEC-205/CD205 (Accession #NP_038853.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

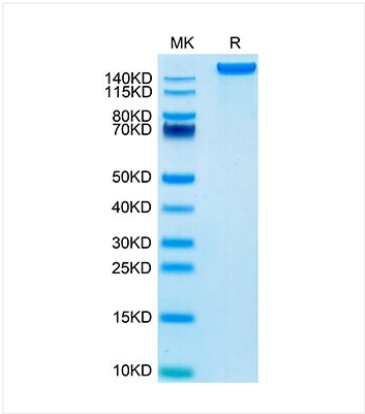
Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

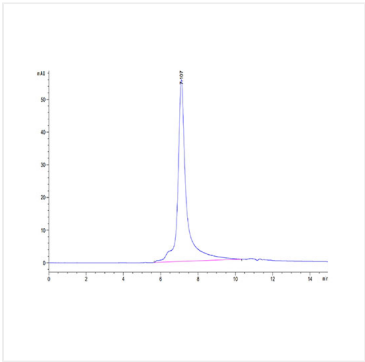


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Validation Data



Mouse LY75/CD205 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Mouse LY75/CD205 is greater than 95% as determined by SEC-HPLC.