

Recombinant Mouse Ly-75/DEC-205/CD205 Protein

Catalog No.: RP02778

Sequence Information

Species **Gene ID**
Mouse 17076

Swiss Prot **Tags**
Q60767 C-His

Synonyms
CD205; DEC205; DEC-205; Ly75

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 SDS-PAGE. ≥ 95
 % as determined
 by HPLC.

Calculated MW **Observed MW**
189.5 kDa 235-250 kDa

Endotoxin
< 1 EU/μg of the protein by LAL
method.

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 free-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 Ly-75/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 His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

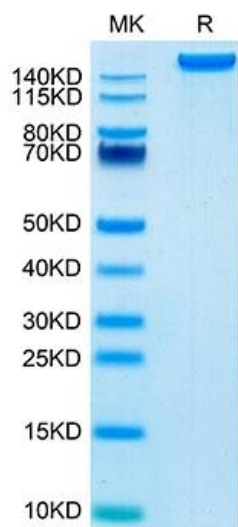
Contact

☎ | 400-999-6126

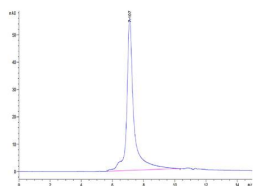
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Validation Data



Recombinant Mouse Ly-75/DEC-205/CD205 Protein was determined by Tris-Bis PAGE under reducing conditions.



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