

Synonym

LY75,CD205,DEC-205,CLEC13B,Lymphocyte antigen 75,gp200-MR6

Source

Human LY75, His Tag(LY5-H52H3) is expressed from human 293 cells (HEK293). It contains AA Ser 28 - Asp 1666 (Accession # [O60449-1](#)).
Predicted N-terminus: Ser 28

Molecular Characterization

LY75(Ser 28 - Asp 1666)
O60449-1

Poly-his

This protein carries a polyhistidine tag at the C-terminus.
The protein has a calculated MW of 190.7 kDa. The protein migrates as 200-230 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

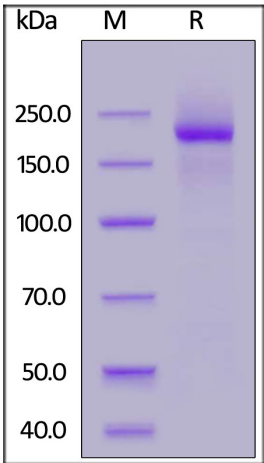
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- 20°C to -70°C for 12 months in lyophilized state;
- 70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human LY75, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

Background

lymphocyte antigen 75 (Ly 75, also known as CD205, CLEC13B, GP200-MR6 and DEC-205, is a type I transmembrane protein that is primarily expressed on dendritic cells and thymic epithelial cells. LY75 functions as an endocytic receptor for antigens. MEN1309/OBT076, the first antibody drug targeting CD205, has shown strong preclinical anti-tumor activity in lymphoma. After being verified as a single drug in vivo, the antibody-drug conjugate has a synergistic effect with the BCL2 inhibitor Venetoclax and the anti-cd20 monoclonal antibody rituximab.

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and more!



Human LY75 / CD205 Protein, His Tag

Catalog # LY5-H52H3

