

PRODUCT INFORMATION

CD34 Target

Hematopoietic progenitor cell antigen CD34;Cd34 **Synonyms**

Recombinant mouse CD34 protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** Q64314 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Background

Mouse CD34(Thr35-Thr287) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 53.3 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of mCD34-hFc is approximately 70-100 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow

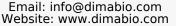
components. Presents carbohydrate ligands to selectins (By similarity) [UniProtKB/Swiss-Prot

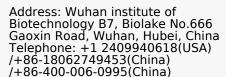
Function1

Usage Research use only

Conjugate Unconjugated











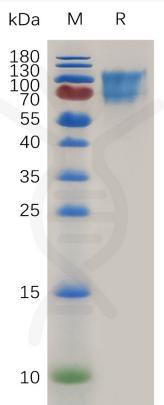


Figure 1. Mouse CD34 Protein, hFc Tag on SDS-PAGE under reducing condition.

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