

32-17954: Recombinant Mouse CD34 Protein, hFc Tag

Uniprot ID : Q64314

Alternative Name : Hematopoietic progenitor cell antigen CD34, Cd34

Description

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

Molecular weight: The protein has a predicted molecular mass of 53.3 kDa after removal of the signal peptide. The apparent molecular mass of mCD34-hFc is approximately 70-100 kDa due to glycosylation.

Description: Recombinant mouse CD34 protein with C-terminal human Fc tag

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 Function]

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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 at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.