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Datasheet for ABIN7491127 CD34 Protein (CD34) (Fc Tag)

Overview

Quantity:	100 µg
Target:	CD34
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD34 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant mouse CD34 protein with C-terminal human Fc tag
Specificity:	Mouse CD34 (Thr35-Thr287) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD34
Alternative Name:	CD34 (CD34 Products)
Background:	<p>Hematopoietic progenitor cell antigen CD34, Cd34</p> <p>Description: 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.</p> <p>Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to</p>

Target Details

	bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins (By similarity).[UniProtKB/Swiss-Prot Function]
Molecular Weight:	predicted molecular mass of 53.3 kDa after removal of the signal peptide. The apparent molecular mass of mCD34-hFc is 70-100 kDa due to glycosylation.
UniProt:	P28906

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months