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Datasheet for ABIN7504256
CD177 Protein (AA 26-520) (Biotin)

Overview

Quantity:	100 µg
Target:	CD177
Protein Characteristics:	AA 26-520
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD177 protein is labelled with Biotin.

Product Details

Purpose:	Biotinylated Human CD117 Protein
Sequence:	Gln26-Pro520
Characteristics:	Recombinant Biotinylated Human CD117 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Gln26-Pro520.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD177
Alternative Name:	CD177 (CD177 Products)

Target Details

Background: The c-kit proto-oncogen (CD 117) has been shown to be present in several cell types including normal and neoplastic hemopoietic cells. Among normal BM cells, CD117 expression has been found in about half of the CD34 precursors including progenitors committed to the erythroid, granulo-monocytic, and megakaryocytic cell lineages.

Molecular Weight: 58.60 kDa. Due to glycosylation, the protein migrates to 75-105 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months