

Datasheet for ABIN2180849

CD84 Protein (CD84) (AA 22-225) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD84
Protein Characteristics:	AA 22-225
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD84 protein is labelled with His tag.

Product Details

Sequence:	AA 22-225
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 23.6 kDa. The protein migrates as 35-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD84
Alternative Name:	CD84 (CD84 Products)

Target Details

Background: Leukocyte differentiation antigen CD84 is also known as SLAM family member 5 (SLAMF5), which belongs to immunoglobulin (Ig) superfamily. CD84 / SLAMF5 contains one Ig-like C2-type (immunoglobulin-like) domain. CD84 plays a role as adhesion receptor functioning by homophilic interactions and by clustering. CD84 / SLAMF5 increases proliferative responses of activated T-cells and SH2D1A/SAP does not seem to be required for this process. Homophilic interactions enhance interferon gamma/IFNG secretion in lymphocytes and induce platelet stimulation via a SH2D1A/SAP-dependent pathway.

Molecular Weight: 23.6 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

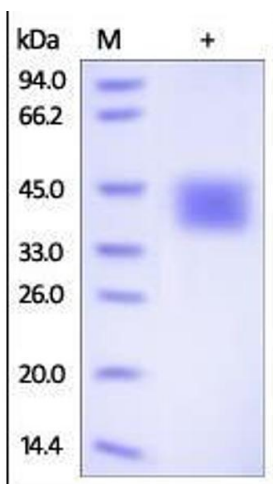
Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

Images



SDS-PAGE

Image 1. Human CD84, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.