

Datasheet for ABIN7319038

**CD84 Protein (CD84) (AA 22-220) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	CD84
Protein Characteristics:	AA 22-220
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD84 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human SLAMF5/CD84 Protein (aa 22-220, His Tag)
Sequence:	Lys22-Arg220
Characteristics:	Recombinant Human SLAM Family Member 5 is produced by our Mammalian expression system and the target gene encoding Lys22-Arg220 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	CD84
Alternative Name:	SLAMF5/CD84 ( <a href="#">CD84 Products</a> )

## Target Details

Background:	<p>Background: SLAM family member 5 (SLAMF5/CD84) is a type I transmembrane protein in the SLAM subgroup of the CD2 family. SLAM family proteins regulate multiple aspects of immune system function. Mature human CD84 consists of a 204 amino acid (aa) extracellular domain (ECD) with two Iglike domains,a 21 aa transmembrane segment, and a 99 aa cytoplasmic domain with two immunoreceptor tyrosinebased switch motifs (ITSMs). CD84 exhibits homophilic binding which is mediated by the N-terminal Ig-like domain. Ligation induces tyrosine phosphorylation in the cytoplasmic ITSMs which then recruit the signaling adaptor molecules SAP (SLAM-associated protein) and EAT-2(EWS/Fli1-activated transcript 2).CD84 signaling inhibits Fc epsilon RI-induced mast cell activation but enhances platelet activation. LPS-induced macrophage activation,T cell proliferation and IFN-<math>\gamma</math>production, and the interactions between T cells and B cells that are required for germinal center formation.</p> <p>Synonym: SLAM family member 5, Cell surface antigen MAX.3, Hly9-beta, Leukocyte differentiation antigen CD84, Signaling lymphocytic activation molecule 5, CD84, SLAMF5,hCD84,LY9B,mCD84</p>
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Molecular Weight:	23.1 kDa
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UniProt:	<a href="#">Q9UIB8</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
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