

Datasheet for ABIN7320706
CD84 Protein (CD84) (His tag)[Go to Product page](#)

1 Image

Overview

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

Product Details

Purpose:	Recombinant Mouse SLAMF5/CD84 Protein (His Tag)
Sequence:	Lys22-Pro223
Characteristics:	Recombinant Mouse SLAM family member 5 is produced by our Mammalian expression system and the target gene encoding Lys22-Pro223 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD84
Alternative Name:	SLAMF5/CD84 (CD84 Products)
Background:	Background: CD84, also called SLAMF5, is a member of the CD2 subgroup of the immunoglobulin receptor superfamily. Members of this CD2 subgroup mediate signal

Target Details

transduction through the interaction of its immunoreceptor tyrosine-based switch motifs (ITSM) in the intracellular region and the SH2 domain of adaptor molecules SAP (SLAM-associated protein) and EAT-2 (EWS-activated transcript 2), and accordingly modulate both adaptive and innate immune responses. CD84 expression has been documented on several hematopoietic cell types, including monocytes, macrophages, dendritic cells, B lymphocytes, and platelets. Activation of cell surface CD84 initiates a signaling cascade involving its intracytoplasmic tyrosine residues that results in Bcl-2 upregulation, which in turn enhances cell survival. Either immunoneutralization or blockade of CD84 with a CD84 extracellular domain protein fragment induces cell death in vitro and in vivo.

Synonym: SLAM family member 5, Cd84, Leukocyte differentiation antigen CD84, Signaling lymphocytic activation molecule 5, CD84, Ly-9B, SLAMF5, CD84 antigen, CD84 Molecule, SLAM family member 5

Molecular Weight:	23.8 kDa
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Application Details

Restrictions:	For Research Use only
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Handling

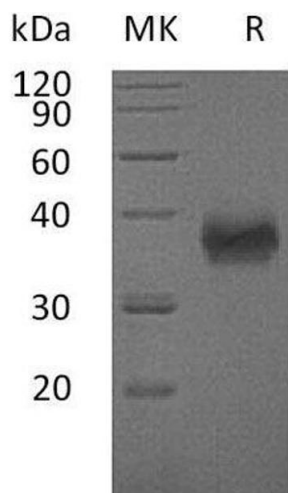
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage: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

Image 1.