

# Recombinant human CD84/SLAMF5 protein

Catalog Number: ATGP1735

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

22-225aa

### UniProt No.

Q9UIB8

### NCBI Accession No.

NP\_001171808

### Alternative Names

SLAM family member 5, hCD84, LY9B, mCD84, SLAMF5

## PRODUCT SPECIFICATION

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### Molecular Weight

25.4 kDa (229aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

### Purity

> 80% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

CD84 is a membrane glycoprotein that is a member of the signaling lymphocyte activation molecule (SLAM) family. This family forms a subset of the larger CD2 cell-surface receptor Ig superfamily. The protein is a homophilic adhesion molecule that is expressed in numerous immune cells types and is involved in regulating receptor-mediated signaling in those cells. Recombinant human CD84 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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## Amino acid Sequence

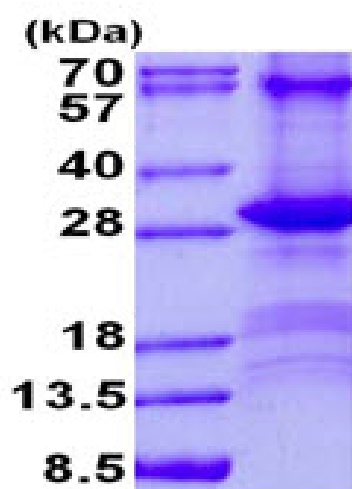
MGSSHHHHHH SSGLVPRGSH MGSHEMKDSEI FTVNGILGES VTFPVNIQEP RQVKIIAWTS KTSVAYVTPG DSETAPVVTV  
THRNYIERIH ALGPNYNLVI SDLRMEADAGD YKADINTQAD PYTTTKRYNL QIYRRLGKPK ITQSLMASVN STCNVTLTCS  
VEKEEKNVTY NWSPLGEEGN VLQIFQTPED QELTYTCTAQ NPVSNNSDSI SARQLCADIA MGFRTHTTG

## General References

Oliver-Vila, I., et al. (2008) Mol. Immunol. 45 (8), 2138-2149

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)