

## CD84 Human

**Description:**CD84 Human Recombinant produced in E. coli is a single polypeptide chain containing 302 amino acids (22-225) and having a molecular mass of 25.4 kDa. CD84 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-1236

**Synonyms:**CD84 Molecule, CD84 Antigen (Leukocyte Antigen), Cell Surface Antigen MAX.3, Leukocyte Differentiation Antigen CD84, Signaling Lymphocytic Activation Molecule 5, Leukocyte Antigen CD84, SLAM Family Member 5, SLAMF5, Hly9-Beta, LY9B, HCD84, MCD84.

For research use only.

**Source:**E.coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSHMKDSEI FTVNGILGES  
VTFPVNIQEP RQVKIIAWTS KTSVAVVTPG DSETAPVTV THRNYERIH ALGPYNLVI  
SDLRMEDAGD YKADINTQAD PYTTTKRYNL QIYRRLGKPK ITQSLMASVN STCNVTLTCS  
VEKEEKNTY NWSPLGEEGN VLQIFQTPED QELTYTCTAQ NPVSNNSDSI SARQLCADIA  
MGFRTHHTG

**Purity:**Greater than 80% as determined by SDS-PAGE.

### Formulation:

The CD84 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

CD84 belongs to the signaling lymphocyte activation molecule (SLAM) family which forms a subset of the greater CD2 cell-surface receptor Ig superfamily. CD84, a membrane glycoprotein, is a homophilic adhesion molecule found in various immune cells types and takes part in regulating receptor-mediated signaling in those cells.

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