
Product Data Sheet

Product Name: CD84 Human
 Cat. No.: GP23079
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMKDSEI FTVNGILGES VTFFVNIQEP RQVKIIAWTS KTSVAYVTPG DSETAPVVTV THRNYIERIH ALGPNYNLVI SDLRMEDAGD YKADINTQAD PYTTTKRYNL QIYRRLGKPK ITQSLMASVN STCNVTLTCS VEKEEKNVTY NWSPLGEEGN VLQIFQTPED QELTYTCTAQ NPVSNNSDSI SARQLCADIA MGFRTHTHTG.		
Formulation	The CD84 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

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.

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.

Background

CD84 Human Recombinant produced in E. coli is a single polypeptide chain containing 229 amino acids (22-225) and having a molecular mass of 25.4 kDa. CD84 is fused to a

Caution: Product has not been fully validated for medical applications. For research use only.

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25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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