
Product Data Sheet

Product Name: CD84 Human, Sf9
 Cat. No.: GP23080
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD84 Molecule; Signaling Lymphocytic Activation Molecule 5; Leukocyte Differentiation Antigen CD84; CD84 Antigen (Leukocyte Antigen); Cell Surface Antigen MAX.3; Hly9-Beta; SLAMF5; Leucocyte Differentiation Antigen CD84; Leukocyte Antigen CD84; SLAM Family Member 5; CD84 Antigen; HCD84; MCD84; LY9B; SLAM family member 5; Cell surface antigen MAX.3; Hly9-beta; Leukocyte differentiation antigen CD84; Signaling lymphocytic activation molecule 5.		
Amino Acid Sequence	ADPKDSEIFT VNGILGESVT FPNVIQEP RQ VKIIAWTSKT SVAYVTPGDS ETAPVVTVTH RNYERIHAL GPNYNLVISD LRMEDAGDYK ADINTQADPY TTTKRYNLQI YRRLGKPKIT QSLMASVNST CNVTLTCSVE KEEKNVTYNW SPLGEEGNVL QIFQTPEDQE LTYTCTAQNPVSNNSDSISA RQLCADIAMG FRTHHTGHHH HHH.		
Formulation	CD84 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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.

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

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Background

CD84 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 213 amino acids (22-225 a.a.) and having a molecular mass of 23.8kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). CD84 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

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