

Recombinant Human CD84 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD84-3043H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

CD84 MS Standard C13 and N15-labeled recombinant protein (NP_003865) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes 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 encoded 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. Alternate splicing results in multiple transcript variants.

Molecular Mass

36.9 kDa

AA Sequence

MAQHHLWILLCLQTWPEAAGKDSEIFTVNGILGESVTFPVNIQEPQVKIIAWTSKT
 SVAYVTPGDSETAPVVTVTHRNYERIHALGPNYNLVISDLRMEDAGDYKADINTQA
 DPYTTTKRYNLQIYRRLGKPKITQSLMASVNSTCNVTLTCSVEKEEKNVTYNWSPLG
 EEGNVLQIFQTPEDQELTYTCTAQNPVSNNSDSISARQLCADIAMGFRTHHTGLLSV
 LAMFFLLVLILSSVFLFRLFKRRQDAASKKTIYTYIMASRNTQPAESRIYDEILQSKVLP
 SKEEPVNTVYSEVQFADKMGKASTQDSKPPGTSSYEIVITRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CD84 CD84 molecule [<i>Homo sapiens (human)</i>]
Official Symbol	CD84
Synonyms	CD84; CD84 molecule; CD84 antigen (leukocyte antigen), CD84 molecule; SLAM family member 5; hCD84; mCD84; SLAMF5; hly9-beta; leukocyte antigen CD84; cell surface antigen MAX.3; CD84 antigen (leukocyte antigen); leucocyte differentiation antigen CD84; leukocyte differentiation antigen CD84; signaling lymphocytic activation molecule 5; LY9B; DKFZp781E2378;
Gene ID	8832
mRNA Refseq	NM_003874
Protein Refseq	NP_003865
MIM	604513

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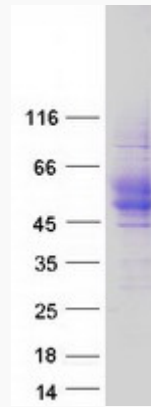
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UniProt ID

Q9UIB8

SDS-PAGE



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