

Product datasheet for PH304477

CD84 (NM_003874) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD84 MS Standard C13 and N15-labeled recombinant protein (NP_003865)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204477
Predicted MW:	36.9 kDa
Protein Sequence:	>RC204477 protein sequence Red=Cloning site Green=Tags(s) MAQHHLWILLCLQWPEAAGKDSEIFTVNGILGESVTFPVNIQEPRQVKIIAWTSKTSVAYVTPGDSET APVVTVTHRNYERIHALGPNYNLVISDLRMDAGDYKADINTQADPYTTTKRYNLQIYRRLGKPKITQS LMASVNSTCNVTLTCSVEKEEKNVTYNWSPLGEEGNVLQIFQTPEDQELTYTCTAQNVPVSNNSDSISARQ LCADIAMGFRTHHTGLLSVLAMFFLLVLILSSVFLFRLFKRRQDAASKKIYTYIMASRNTQPAESRIYD EILQSKVLPKEEPVNTVYSEVQFADKMGKASTQDSKPPGTSSYEIVI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003865
RefSeq Size:	8245
RefSeq ORF:	984
Synonyms:	hCD84; LY9B; mCD84; SLAMF5
Locus ID:	8832



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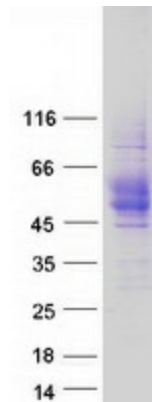
UniProt ID: [Q9UIB8](#)

Cytogenetics: 1q23.3

Summary: 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. [provided by RefSeq, Oct 2011]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified CD84 protein (Cat# [TP304477]). The protein was produced from HEK293T cells transfected with CD84 cDNA clone (Cat# [RC204477]) using MegaTran 2.0 (Cat# [TT210002]).