

Recombinant Human CD84 Protein, His-tagged

Cat. No. CD84-173H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD84 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	345
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.
Form	Lyophilized
Molecular Mass	23.6 kDa
AA Sequence	MAQHHLWILLCLQTWPEAAGKDSEIFTVNGILGESVTFPVNIQEPRQVKIIAWTSKT SVAYVTPGDSETAPVTVTHRNYERIHALGPNYNLVISDLRMEADGDKADINTQA DPYTTTKRYNLQIYRRLGKPKITQSLMASVNSTCNVTLTCSVEKEEKNVTYNWSPLG EEGNVLQIFQTPEDQELTYTCTAQNPVSNNSDSISARQLCADIAMGFRTHHTGLLSV LAMFFLLVLILSSVFLFRLFKRRQGRIFPEGSCNLTFTKNPYAASKKTIYTYIMASRNT QPAESRIYDEILQSKVLPSKEEPVNTVYSEVQFADKMGKASTQDSKPPGTSSYEIVI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CD84 CD84 molecule [Homo sapiens (human)]
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;

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Gene ID	8832
mRNA Refseq	NM_001184879
Protein Refseq	NP_001171808
MIM	604513
UniProt ID	Q9UIB8

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