Recombinant Human CD84 Protein, His-Avi-tagged, Biotinylated

Cat. No. CD84-59H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human CD84, His Tag, Avi Tag is expressed from HEK293 cells. It contains AA Lys 22 - Gly 225 (Accession # Q9UIB8-3). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
Species	Human
Source	HEK293
ProteinLength	22-225 a.a.
Predicted N Terminal	Lys 22
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 26.5 kDa. The protein migrates as 40-50 KDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.

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

Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	For long term storage, the product should be stored at lyophilized state at -20ºC or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8ºC for 12 months in lyophilized state; -70ºC for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CD84 CD84 molecule [Homo sapiens]
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_001184879
Protein Refseq	NP_001171808
MIM	604513

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UniProt ID	Q9UIB8

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