CD84, human recombinant

CATALOG #: 7319-100 100 µg

ALTERNATE NAMES: SLAM family member 5, hCD84, LY9B, mCD84, SLAMF5

SOURCE: E. coli

PURITY: > 80% by SDS-PAGE

MOL. WEIGHT: 25.4 kDa (229 aa, 22-225 aa + His tag), confirmed by MALDI-TOF.

ENDOTOXIN LEVEL: < 1.0 EU per 1 µg of protein

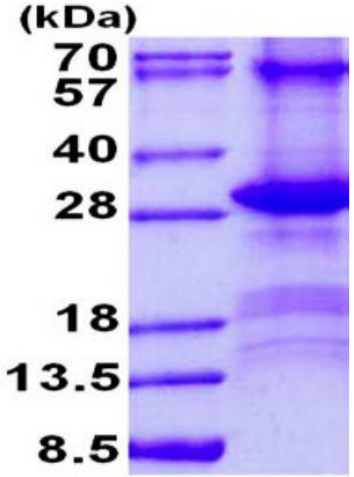
FORM: Liquid

FORMULATION: 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M Urea and 10% glycerol.

STORAGE CONDITIONS: Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: CD84 is 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 protein is a hemophilic adhesion molecule that is expressed in numerous immune cells types and is involved in regulating receptor-mediated signaling in those cells. Recombinant human CD84 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AMINO ACID SEQUENCE: MGSSHHHHHH SSGLVPRGSH MGSHM ALGPNYNLVI SDLRMEDAGD YKADINTQAD PYTTTKRYNL QIYRRLGKPK ITQSLMASVN STCNVTLTCS VEKEEKNVTY NWSPLGEEGN KDSEI FTVNGILGES VTFPVNIQEP RQVKIIAWTS KTSVAYVTPG DSETAPVVTV THRNYYERIH VLQIFQTPED QELTYTCTAQ NPVSNNSDSI SARQLCADIA MGFRTHHTG



15% SDS-PAGE (3ug)

CD84, human recombinant

RELATED PRODUCTS:

- CD1E, human recombinant **(Cat. No. 7308-100)**
- CD200, human recombinant **(Cat. No. 7309-100)**
- CD226, human recombinant **(Cat. No. 7310-100)**
- CD274, mouse recombinant **(Cat. No. 7311-100)**
- CD300C, human recombinant **(Cat. No. 7312-100)**
- CD3G, human recombinant **(Cat. No. 7313-100)**
- CD46, human recombinant **(Cat. No. 7314-100)**
- CD5, human recombinant **(Cat. No. 7315-100)**
- CD7, human recombinant **(Cat. No. 7316-100)**
- CD74, human recombinant **(Cat. No. 7317-100)**
- CD79B, human recombinant **(Cat. No. 7318-100)**
- CD8B, human recombinant **(Cat. No. 7320-100)**

FOR RESEARCH USE ONLY! Not to be used in humans.

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