

CD84, 22-225aa, Human, His-tag, Baculovirus

Cat.NO.: TP01539

3th Edition

Synonyms:SLAM family member 5 isoform 1, CD84, hCD84, LY9B, mCD84, SLAMF5

Description:CD84, also known as slam family member 5 isoform 1, is a self-binding receptor from the CD150 family that is broadly expressed in hematopoietic cells. It is highly expressed in mast cells and that it contributes to the regulation of Fc γ RI signaling in SAP- and EAT-2-independent and Fes- and Src homology region 2 domain-containing phosphatase-1-dependent mechanisms. It belongs to the signaling lymphocyte activating molecule family of immunoreceptors, and has an unknown function in CLL cells. Its expression is significantly elevated from the early stages of the disease, and is regulated by macrophage migration inhibitory factor and its receptor, CD74. Recombinant human CD84, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:23.8kDa (213aa) 28-40kDa (SDS-PAGE under reducing conditions)

Sequences:

ADPKDSEIFTVNGILGESVTFPVNIQEPRQVKIIAWTSKTSVAYVTPGDSETAPVVTVTVRNYYERIHAGLPNPNLVIS
DLRMEDAGDYKADINTQADPYTTTKRYNLQIYRRLGPKITQSLMASVNSTCNVTLTCSVEKEEKNVTYNWSPLGE
EGNVLQIFQTPEDQELTYTCTAQNPVSNNSDSISARQLCADIAMGFRTHTGHHHHHH

Purity:> 95% by HPLC

Concentration:1.0mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: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.