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Human CellExp CD84 / SLAMF5, human recombinant protein

CD84, SLAMF5, LY9B, SLAMF5, hCD84, mCD84
Catalog # PBV11001r

Specification

Human CellExp CD84 / SLAMF5, human recombinant protein - Product info

Primary Accession	Q9UIB8
Calculated MW	**This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 23.6 kDa. The predicted N-terminus is Lys 22. DTT-reduced Protein migrates as 35-45 kDa due to glycosylation. KDa**

Human CellExp CD84 / SLAMF5, human recombinant protein - Additional Info

Gene ID	**8832**
Gene Symbol	**CD84**

Other Names
CD84, SLAMF5, LY9B, SLAMF5, hCD84, mCD84

Gene Source	**Human**
Source	**HEK293 cells**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**Measured in a cell proliferation assay using PHA stimulated human T cells in the presence of anti-CD3. The ED50 for this effect is typically 2-6 µg/ml in the presence of anti-CD3 immobilized at 20 ng/ml.**

Target/Specificity
CD84/SLAMF5

Application Notes
Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized

Storage
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.

Human CellExp CD84 / SLAMF5, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp CD84 / SLAMF5, human recombinant protein - Images

Human CellExp CD84 / SLAMF5, human recombinant protein - Background

Leukocyte differentiation antigen CD84 is also known as SLAM family member 5 (SLAMF5), which belongs to immunoglobulin (Ig) superfamily. CD84 / SLAMF5 contain one Ig-like C2-type (immunoglobulin-like) domain. CD84 plays a role as adhesion receptor functioning by homophilic interactions and by clustering. CD84 / SLAMF5 increases proliferative responses of activated T-cells and SH2D1A/SAP does not seen be required for this process. Homophilic interactions enhance interferon gamma/IFNG secretion in lymphocytes and induce platelet stimulation via a SH2D1A/SAP-dependent pathway.

Human CellExp CD84 / SLAMF5, human recombinant protein - References

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