

# Human CD84/SLAMF5 Protein

Cat. No. CD8-HM284

## Description

<b>Source</b>	Recombinant Human CD84/SLAMF5 Protein is expressed from HEK293 with hFc (IgG1) tag at the C-terminus. It contains Lys22-Gly225.
<b>Accession</b>	Q9UIB8-1
<b>Molecular Weight</b>	The protein has a predicted MW of 48.73 kDa. Due to glycosylation, the protein migrates to 65-85 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 0.1 EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	> 80% as determined by Bis-Tris PAGE

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at $-80^{\circ}\text{C}$ . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

Chronic lymphocytic leukemia (CLL) is characterized by the accumulation of CD5 B lymphocytes in peripheral blood, lymphoid organs and bone marrow. The main feature of the disease is accumulation of the malignant cells due to decreased apoptosis. CD84 belongs to the signaling lymphocyte activating molecule family of immunoreceptors, and has an unknown function in CLL cells.

## Assay Data

### Bis-Tris PAGE



Human CD84 on Bis-Tris PAGE under reduced condition. The purity is greater than 80%.