

# Human CD300d Protein

Cat. No. CD3-HM20D

## Description

<b>Source</b>	Recombinant Human CD300d Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Ala19-His165.
<b>Accession</b>	Q6UXZ3
<b>Molecular Weight</b>	The protein has a predicted MW of 42.07 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	>95% as determined by Bis-Tris PAGE

## Formulation and Storage

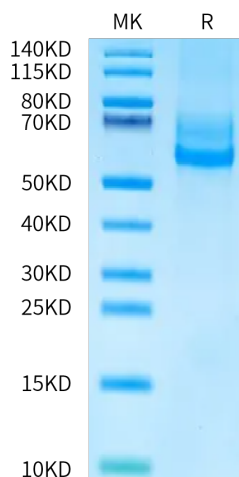
<b>Formulation</b>	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at $-80^{\circ}\text{C}$ . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

CD300d (also known as CD300LD or CMRF35A4) is a member of the CD300 family of transmembrane glycoproteins belonging to the immunoregulatory signaling (IRS) family. CD300d, like most CD300 family members, is found exclusively on myeloid cells, including monocyte and granulocytes.

## Assay Data

### Bis-Tris PAGE



Human CD300d on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.