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### CD94 Protein (AA 34-179) (His-Avi Tag)

**Images** 



#### Overview

Quantity:	100 μg
Target:	CD94 (KLRD1)
Protein Characteristics:	AA 34-179
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD94 protein is labelled with His-Avi Tag.

#### **Product Details**

Purpose:	Human CD94 Protein
Sequence:	Ser34-Ile179
Characteristics:	Recombinant Human CD94 Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus.It contains Ser34-Ile179.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

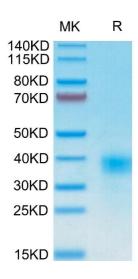
#### **Target Details**

Target:	CD94 (KLRD1)
Alternative Name:	CD94 (KLRD1 Products)

#### **Target Details**

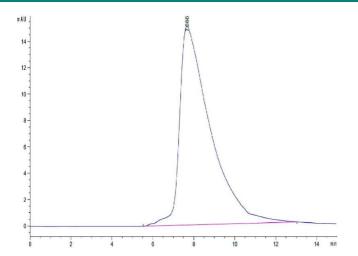
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Background:	CD94 is an approximately 25 kDa type 2 transmembrane protein that plays an important role in regulating natural killer (NK) cell activation.CD94 plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.
Molecular Weight:	19.8 kDa. Due to glycosylation, the protein migrates to 38-42 kDa based on Tris-Bis PAGE result.
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

#### **Images**



#### **SDS-PAGE**

 $\label{eq:mage 1.} \mbox{Human CD94 on Tris-Bis PAGE under reduced} \\ \mbox{condition. The purity is greater than 95 \%} \, .$ 



## Size-exclusion chromatography-High Pressure Liquid Chromatography

 $\label{eq:mage 2.} \textbf{Image 2.} \ \textbf{The purity of Human CD94} \ \textbf{is greater than 95 \% as} \\ \textbf{determined by SEC-HPLC}.$