

Datasheet for ABIN7491205
CD94 Protein (Fc Tag)



[Go to Product page](#)

1 Image

Overview

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

Product Details

Purpose:	Recombinant Human CD94 with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) CD94 (Lys32-Ile179)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD94 (KLRD1)
Alternative Name:	CD94 (KLRD1 Products)
Background:	Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the

Target Details

	regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2017]
Molecular Weight:	predicted molecular mass of 43.3 kDa after removal of the signal peptide.The apparent molecular mass of hFc-CD94 is 55-70 kDa due to glycosylation.
UniProt:	Q13241

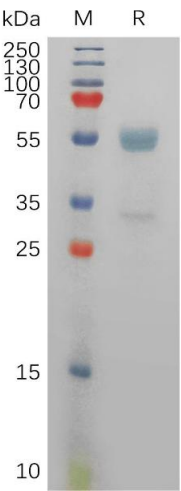
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Human CD94 Protein, hFc Tag on SDS-PAGE under reducing condition.