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CD94 Protein (His tag)



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Quantity:	50 μg	
Target:	CD94 (KLRD1)	
Origin:	Human	
Source:	Human Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This CD94 protein is labelled with His tag.	
Product Details		
Purpose:	Recombinant Human KLRD1/CD94 Protein (His Tag)	
Sequence:	Ser34-Ile179	
Characteristics:	Recombinant Human Natural Killer Cells Antigen CD94 is produced by our Mammalian expression system and the target gene encoding Ser34-Ile179 is expressed with a 6His tag at the N-terminus.	
Purity:	> 95 % as determined by reducing SDS-PAGE.	
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.	
Target Details		
Target:	CD94 (KLRD1)	
Alternative Name:	KLRD1/CD94 (KLRD1 Products)	
Background:	Background: CD94 (Cluster of Differentiation 94), also known as killer cell lectin-like receptor subfamily D member 1 (KLRD1), is expressed on the surface of natural killer cells in the innate	

immune system. 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. CD94 Can form disulfide-bonded heterodimer with NKG2 family members. The CD94/NKG2 complex, on the surface of natural killer cells interacts with Human Leukocyte Antigen (HLA)-E on target cells. 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 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. Synonym: Natural killer cells antigen CD94, KP43, Killer cell lectin-like receptor subfamily D

member 1, NK cell receptor, CD94, KLRD1

Molecular Weight:

17.7 kDa

UniProt:

Q13241

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized	
Reconstitution:	Please refer to the printed manual for detailed information.	
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted	
	samples are stable at < -20°C for 3 months.	