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## Product Datasheet

### Rhesus macaque CD94 Protein, His Tag (MALS verified), Unconjugated, Human ABS-CD4-R52H4-100UG

Article Name	Rhesus macaque CD94 Protein, His Tag (MALS verified), Unconjugated, Human
Biozol Catalog Number	ABS-CD4-R52H4-100UG
Supplier Catalog Number	CD4-R52H4-100ug
Alternative Catalog Number	ABS-CD4-R52H4-100UG
Manufacturer	AcroBiosystems
Host	Human
Category	Proteine/Peptide
Species Reactivity	Monkey
Conjugation	Unconjugated
Product Description	CD94(Natural killer cells antigen CD94) is also known as KLRD1, KP43, NK cell receptor, Killer cell lectinlike receptor subfamily D member 1. 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. It is also involved in the regulation of NK cell activation and proliferation. CD94 is a type I transmembrane protein consisting of an extracellular domain with two Ig-like domains, a transmembrane domain, and an intracellular domain. The extracellular domain is involved in ligand binding, while the intracellular domain contains a tyrosine-based activation motif. CD94 is expressed on the surface of natural killer (NK) cells, killer T cells, and some dendritic cells. It is also found on certain subsets of T cells and B cells. CD94 is a heterodimeric protein that forms a complex with the CD247 (CD137L) protein. The CD94/CD247 complex is involved in the recognition of MHC class I molecules by NK cells and killer T cells. CD94 is also involved in the regulation of NK cell activation and proliferation. CD94 is a type I transmembrane protein consisting of an extracellular domain with two Ig-like domains, a transmembrane domain, and an intracellular domain. The extracellular domain is involved in ligand binding, while the intracellular domain contains a tyrosine-based activation motif. CD94 is expressed on the surface of natural killer (NK) cells, killer T cells, and some dendritic cells. It is also found on certain subsets of T cells and B cells. CD94 is a heterodimeric protein that forms a complex with the CD247 (CD137L) protein. The CD94/CD247 complex is involved in the recognition of MHC class I molecules by NK cells and killer T cells. CD94 is also involved in the regulation of NK cell activation and proliferation.
Molecular Weight	19.3 kDa
Tag	C-10*His
NCBI	<a href="#">9</a>
Buffer	PBS, pH7.4
Purity	90%

Form	Powder
Target	CD94