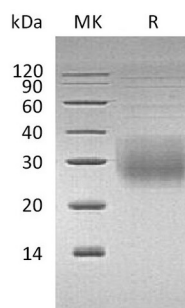


Product Name: Recombinant Human NKG2A & CD94 Heterodimer (N8His-Flag)
Catalog #: PHH1229

Summary

Name	NKG2A & CD94 Heterodimer
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Human NKG2A & CD94 Heterodimer is produced by our Mammalian expression system and the target gene encoding Arg100-Leu233 & Ser34-Ile179 is expressed with a 8His, Flag tag at the N-terminus.
Accession #	P26715&Q13241
Host	Human Cells
Species	Human
Predicted Molecular Mass	34.4 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background



Product Name: Recombinant Human NKG2A & CD94 Heterodimer (NKG2A-Flag)
Catalog #: PHH1229

Alternative Names

NKG2A&CD94 Heterodimer; KLRC1&CD94 Heterodimer; CD159A&KLRD1 Heterodimer

Background

NKG2-A/NKG2-B Type II Integral Membrane Protein contains 1 C-type lectin domain and belongs to the killer cell lectin-like receptor family. The killer cell lectin-like receptor family is a group of transmembrane proteins preferentially expressed in NK cells. Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. 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.

Note

For Research Use Only , Not for Diagnostic Use.