9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-9029: Recombinant Human NKG2A & CD94 Heterodimer

Alternative Name : KLRC1&CD94 Heterodimer; CD159A&KLRD1 Heterodimer

Description

Source : Human 293 Cells;
NKG2-A contains C-type lectin domain and belongs to the killer cell lectin-like receptor (KLR) family. KLR family is a group of transmembrane proteins preferentially expressed in natural killer (NK) cells. NK cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. CD94, also known as killer cell lectin-like receptor subfamily D member 1 (KLRD1), is expressed on the surface of NK cells in the innate immune system. CD94 plays a role as a receptor for the recognition of MHC class I Human Leukocyte Antigen (HLA)-E molecules by NK cells and some cytotoxic T-cells. CD94 can form disulfide-bonded heterodimer with NKG2A on the surface of NK cells. The CD94/NKG2A complex interacts with HLA-E on target cells and inhibit the cytotoxic activity of NK cells to prevent cell lysis.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of PBS, pH7.4

Amino Acid : Recombinant Human NKG2A & CD94 Heterodimer Protein is produced by human 293 cells. The target gene encoding Arg100-Leu233 & Ser34-Ile179 is expressed with a 8His & Flag tag at the N-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.