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Product Datasheet

Recombinant Human NKG2A & CD94 Heterodimer(N-8His-Flag) EBT-EPT243

Article Name	Recombinant Human NKG2A & CD94 Heterodimer(N-8His-Flag)
Biozol Catalog Number	EBT-EPT243
Supplier Catalog Number	EPT243
Alternative Catalog Number	EBT-EPT243-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	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....
Molecular Weight	Molecular weight: 34.4 KDa. Apparent molecular weight: 25-40 KDa, reducing conditions
UniProt	P26715
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. 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