

Product datasheet for **TP724625**

NKG2C (KLRC2) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human NKG2C & CD94 Heterodimer
Species:	Human
Expression cDNA Clone or AA Sequence:	E98-L231; S34-I179
Tag:	N-8His&N-FLAG
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Human NKG2C/CD94 is produced by Human 293 Cells. The target gene encoding E98-L231&; S34-I179 is expressed with a 8His &; a FLAG tag at the N terminus.
Stability:	12 months from date of despatch
Locus ID:	3822
UniProt ID:	P26717
Summary:	NKG2-C 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 NKG2C on the surface of NK cells. The CD94/NKG2C complex interacts with HLA-E on target cells and inhibit the cytotoxic activity of NK cells to prevent cell lysis.



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