

## Product datasheet for **TP724608**

### **NKG2A (KLRC1) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human NKG2-A/NKG2-B Type II Integral Membrane Protein(N-His)
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	Arg100-Leu233
<b>Tag:</b>	N-8His
<b>Buffer:</b>	Supplied as a 0.2 um filtered solution of PB, pH7.4
<b>Note:</b>	Recombinant Human NKG2-A/NKG2-B Type II Integral Membrane Protein is produced by our Mammalian expression system and the target gene encoding Arg100-Leu233 is expressed with a 8His tag at the N-terminus.
<b>Stability:</b>	12 months from date of despatch
<b>Locus ID:</b>	3821
<b>UniProt ID:</b>	<a href="#">P26715</a>
<b>Summary:</b>	NKG2-A/NKG2-B is a type II integral membrane protein that contains one C-type lectin domain and belongs to the killer cell lectin-like receptor family. This family consists of transmembrane proteins expressed mainly in NK cells and characterized by type II membrane orientation and a C-type lectin domain. NKG2 is exclusively expressed in NK cells, not T or B cells. Studies have shown that NKG2 is a family of related cDNA clones, including NKG2A, NKG2B, NKG2C, and NKG2D, encoding type II integral membrane proteins with a C-type lectin domain at the extracellular C-terminus. NKG2 acts as a receptor for MHC class I HLA-E molecules, recognized by NK cells and some cytotoxic T cells. NKG2A and NKG2B are designated CD159a in the CD antigen nomenclature. Increased expression of NKG2A in tumor-infiltrating NK cells is emerging as a contributor to determining the poor prognosis of hepatocellular, lung, or other carcinomas and may be a predictive factor for tumor metastasis.



[View online »](#)