# HUMAN NKG2A PROTEIN, HFC TAG

**货号:** 11629
**产品全名:** 人 NKG2A 蛋白
**规格:** 10/50/100 μg
**基因符号** CD159A;NKG2;NKG2A
**目标蛋白:** NKG2A
**UNIPROT ID:** P26715
**描述:** Recombinant Human NKG2A Protein with N-terminal human Fc tag
**背景:** Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. The protein encoded by this gene belongs to the killer cell lectin-like receptor family, also called NKG2 family, which is a group of transmembrane proteins preferentially expressed in NK cells. This family of proteins is characterized by the type II membrane orientation and the presence of a C-type lectin domain. This protein forms a complex with another family member, KLRD1/CD94, and has been implicated in the recognition of the MHC class I HLA-E molecules in NK cells. The genes of NKG2 family members form a killer cell lectin-like receptor gene cluster on chromosome 12. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jan 2015]
**物种/宿主:** HEK293
**分子量:** The protein has a predicted molecular mass of 42.2 kDa after removal of the signal peptide.The apparent molecular mass of hFc-NKG2A is approximately 35-55 kDa due to glycosylation.
**分子特征:** hFc(Glu99-Ala330) NKG2A(Pro94-Leu233)
**纯化:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
**储存和运输:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

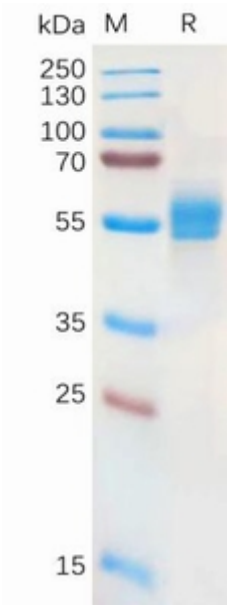


Figure 1. Human NKG2A Protein, hFc Tag on SDS-PAGE under reducing condition.