

Recombinant human NKG2A / CD159a protein, N-His-Avi (HEK293)

Catalog Number: bs-47164P

Concentration: >0.5 mg/ml

AA Seq: 100-233/233

Predicted MW: 46

Detected MW: Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.

Tags: N-His-Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

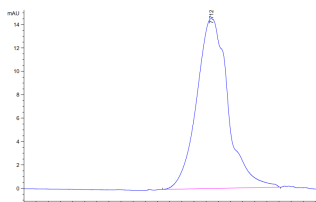
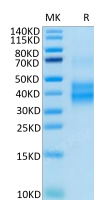
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: 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. Four alternatively spliced transcript variants encoding two distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Human NKG2A / CD159a on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

The purity of Human NKG2A / CD159a is greater than 95% as determined by SEC-HPLC.