

## Recombinant human NKG2A & CD94 protein, N-His-Avi (HEK293)

Catalog Number: bs-47162P

Concentration: >0.5 mg/ml

AA Seq: 34-179/179

Detected MW: Due to glycosylation, the protein migrates to 33-48 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

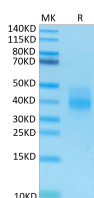
Form: Lyophilized

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

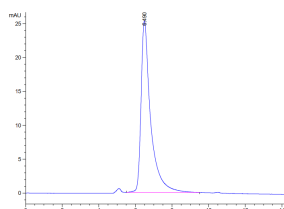
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq].

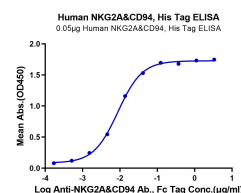
### VALIDATION IMAGES



Human NKG2A&CD94 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of Human NKG2A&CD94 is greater than 95% as determined by SEC-HPLC.



Immobilized Human NKG2A&CD94, His Tag at 0.5μg/ml (100μl/Well). Dose response curve for Anti-NKG2A&CD94 Ab. with the EC50 of 8.9ng/ml determined by ELISA.