

Rev03
 Update: Aug,08,2025

DATASHEET

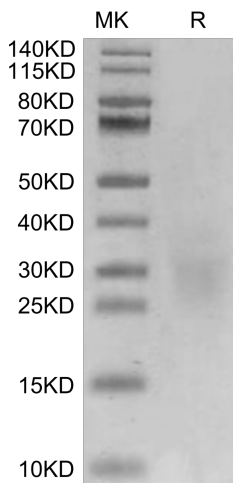
NKG2C&CD94[Biotin], His & Avi & Flag, Human

Cat. No.: Z04568

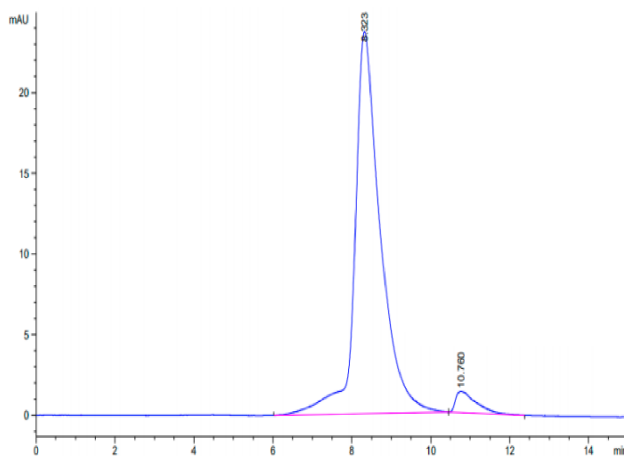
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="background-color: #333; color: white; padding: 2px 5px; font-weight: bold;">Avi</div> <div style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">His</div> <div style="background-color: #0056b3; color: white; padding: 2px 5px; font-weight: bold;">NKG2C&CD94 [Glu98-Leu231 (NKG2C) & Ser34-Ile179 (CD94)] Accession # P26717 (NKG2C) & Q13241-1 (CD94)</div> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 2px;"> N-term C-term </div>
Conjugate	Biotin
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	15.3kDa (NKG2C)&17.9kDa (CD94)
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 25-35 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



NKG2C&CD94[Biotin], His & Avi & Flag, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of NKG2C&CD94[Biotin], His & Avi & Flag, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : NKG2C&CD94 is a C-type lectin heterodimer on NK cells and CD8+ cytotoxic T-cells, it can recognize peptides derived from the intracellular proteins in the context of HLA-E. NKG2C&CD94 itself has no signal transduction function but is an activating receptor on the surface of NK cells that involved in driving the NK-cell expansion.

Synonyms : NKG2C&CD94; NKG2C; CD94

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China