

Rev03  
 Update: Aug,08,2025

**DATASHEET**

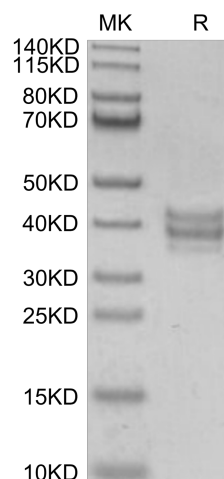
# NKG2C&CD94, His & Flag, Cynomolgus

Cat. No.: Z04880

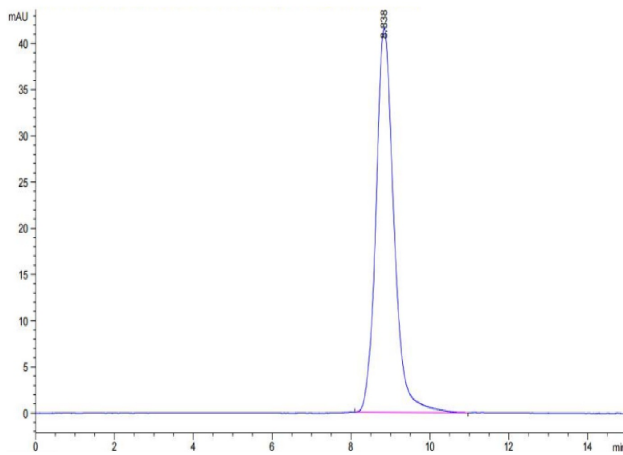
## Product Introduction

<b>Species</b>	Cynomolgus
<b>Protein Construction</b>	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="background-color: #4a7ebb; color: white; padding: 5px; text-align: center;">His <small>N-term</small></div> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> <b>NKG2C&amp;CD94 [Glu98-Leu231 (NKG2C) &amp; Lys32-Ile179 (CD94)]</b>            Accession # Q68VD0 (NKG2C) &amp; Q68VD4 (CD94)         </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;">Flag <small>C-term</small></div> </div>
<b>Purity</b>	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per µg by the LAL method.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	16.44kDa (NKG2C) & 18.27kDa (CD94)
<b>Apparent Molecular Weight</b>	Due to glycosylation, the protein migrates to 35-45 kDa based on Bis-Tris PAGE result.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	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, His & Flag, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of NKG2C&CD94, His & Flag, Cynomolgus 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.**

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