Cynomolgus NKG2C&CD94 Protein

Cat. No. NKC-CM1C4

Description

Source	Recombinant Cynomolgus NKG2C&CD94 Protein is expressed from Expi293 with His tag at the N-terminal and Flag tag at the C-terminal.
	It contains Glu98-Leu231(NKG2C)&Lys32-Ile179(CD94).
Accession	Q68VD0(NKG2C)&Q68VD4(CD94)
Molecular Weight	The protein has a predicted MW of 16.44kDa (NKG2C) & 18.27kDa (CD94). Due to glycosylation, the protein migrates to 35-45 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

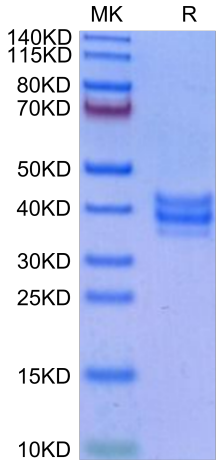
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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.

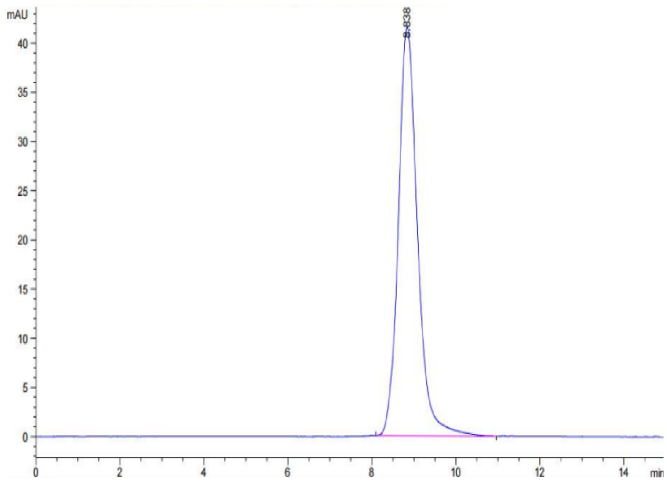
Assay Data

Tris-Bis PAGE



Cynomolgus NKG2C&CD94 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus NKG2C&CD94 is greater than 95% as determined by SEC-HPLC.