Mouse NKG2C/CD159c Protein

Cat. No. NKG-MM22C

Description

Source	Recombinant Mouse NKG2C/CD159c Protein is expressed from HEK293 with hFc tag at the C-Terminus.
	It contains Ile94-Leu231.
Accession	Q9MZK6
Molecular Weight	The protein has a predicted MW of 42.79 kDa. Due to glycosylation, the protein migrates to 52-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

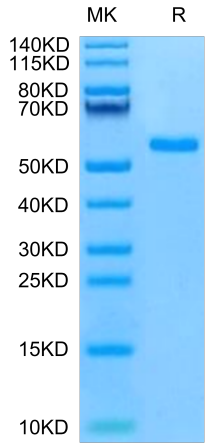
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

As a first line of defense, natural killer (NK) cells play a crucial role in the fight against infections.The presented study is the first of its kind that ascribes CD56dimCD16 NKG2C-expressing NK cells a crucial role in biasing adaptive immune responses upon influenza vaccination and suggests NKG2C as a potential biomarker in predicting pandemic influenza vaccine responsiveness.

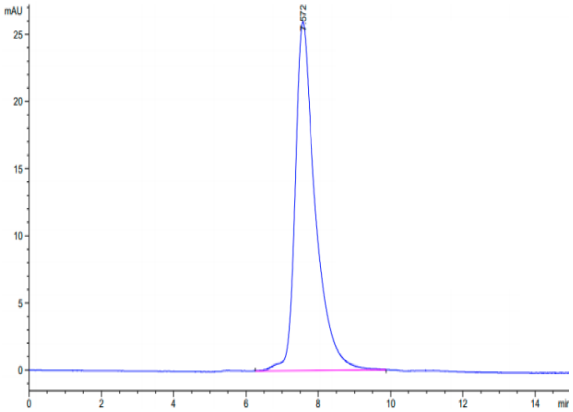
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



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