Rev01
Update: Apr,07,2025

DATASHEET

NKG2C/CD159c hFc Chimera, Human

Cat. No.: Z05689

Product Introduction

Species	Human
Protein Construction	
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	42.07 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 48-58 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.

Background

Target 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.

Synonyms : CD159c; KLRC2; NKG2C; NK cell receptor C

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