

For Research Use Only

anti-IL28a recombinant VHH, for 1x Cys conjugation



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Catalog Number: IL28aCys1

Basic Information

Catalog Number:
IL28aCys1

Applications:
Conjugation

Host:
Alpaca

Conjugate:
Unconjugated

Type:
Nanobody

Class:
Recombinant

RRID:
AB_3665399

Molecular Weight:
15.0 kDa

Description

IL28Cys1 is an unconjugated recombinant anti IL28 Nanobody (VHH). Suitable for for cysteine conjugation with thiol-reactive reagents, e.g. maleimides. Note: unconjugated VHHs are not suited for usage without prior labeling, since they contain reactive Cysteines. Shipment and storage buffers contain TCEP to keep Cysteines reduced.

Affinity

9 nM

Background

IL28A, also named as IFNL2 and ZCYT020, is a cytokine with immunomodulatory activity. It up-regulates MHC class I antigen expression. IL28A is a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1. The ligand/receptor complex seems to signal through the Jak-STAT pathway. It plays a significant role in the antiviral immune defense in the intestinal epithelium.

Storage

Storage:
Store at -20°C

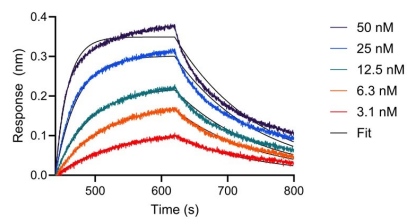
Storage Buffer:
10 mM HEPES pH 7.0, 500 mM NaCl, 0.09% sodium azide

For technical support and original validation data for this product please contact

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Proteintech Group brand and is not available
to purchase from any other manufacturer.

Selected Validation Data



BLI analysis of the interaction between varying concentrations of anti-IL-28A VHH and immobilised, biotinylated HumanKine IL-28A (HZ-1235). Fit indicates fitting of data to a 1:1 binding model.