

Canine IL-22R / IL22RA1 (His Tag) recombinant protein



Catalog Number: 503240

General Information

Protein Construction

A DNA sequence encoding the canine IL22RA1 (XP_855113.2) (Met1-The226) was expressed with a C-terminal polyhistidine tag.

Organism

Canine

Expression Host

Human Cells

QC Testing

Activity

Immobilized canine IL22RA1-His at 10 µg/ml (100 µl/well) can bind biotinylated IL22 (Cat:502557), The EC₅₀ of biotinylated IL22 (Cat:502557) is 0.23-0.55 µg/ml.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ala 15

Molecular Mass

The recombinant canine IL22RA1 comprises 223 amino acids and has a predicted molecular mass of 25.6 kDa. The apparent molecular mass of the protein is approximately 36 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

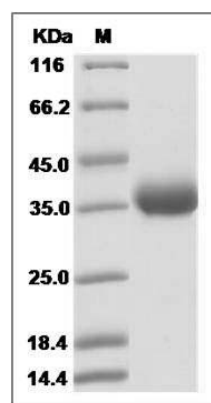
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Canine IL22RA1 / IL22R Protein (His Tag) SDS-PAGE