

Active Recombinant Canine IL22RA1, His-tagged

Cat. No. IL22RA1-175C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the canine IL22RA1 (XP_855113.2) (Met1-The226) was expressed with a C-terminal polyhistidine tag.
Species	Canine
Source	Human Cells
ProteinLength	Met1-The226
Form	Lyophilized from sterile PBS, pH7.4.
Bio-activity	Immobilized canine IL22RA1-His at 10 µg/ml (100 µl/well) can bind biotinylated IL22, The EC50 of biotinylated IL22 is 0.23-0.55 µg/ml.
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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name IL22RA1 interleukin 22 receptor, alpha 1 [*Canis lupus familiaris*]

Official Symbol IL22RA1

Synonyms IL22RA1; interleukin 22 receptor, alpha 1; interleukin-22 receptor subunit alpha-1;

Gene ID 612279

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

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