

## Active Recombinant Canine IL22RA1, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the canine IL22RA1 (XP_855113.2) (Met1-The226) was expressed with a C-terminal polyhistidine tag.
<b>Species</b>	Canine
<b>Source</b>	Human Cells
<b>ProteinLength</b>	Met1-The226
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C
<b>Storage</b>	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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