

Active Recombinant Canine IL13 protein, His-tagged, Low Endotoxin

Cat. No. IL13-2191C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL13 protein(Q9N0W9)(19-131 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	19-131 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Canine IL-13, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-13Ra2, His Tag with the EC50 of 22.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.05 kDa. Due to glycosylation, the protein migrates to 30-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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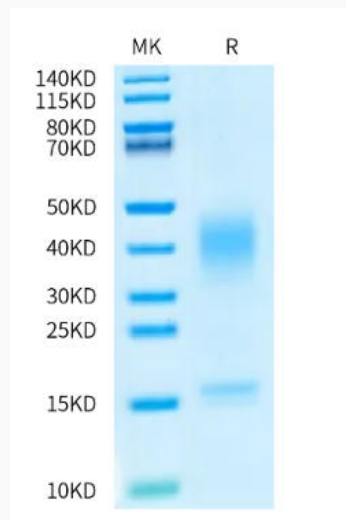
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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

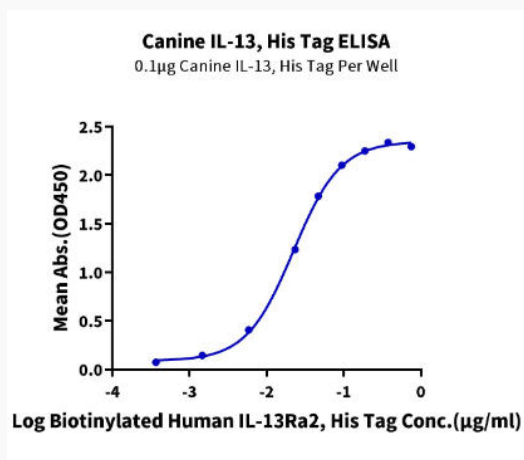
Reconstitution

Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



ELISA Data



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