

## Active Recombinant Canine CA9 protein, hFc-tagged

Cat. No. CA9-1544C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine CA9 protein(Met1-Leu410), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Canine
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu410
<b>Form</b>	Lyophilized from sterile 25mM Tris, 0.15 M NaCl, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its esterase activity.The specific activity is > 10 pmoles/min/μg.
<b>Molecular Mass</b>	The recombinant canine CA9/Fc is a disulfide-linked homodimer. The reduced monomer comprises 614 amino acids and has a predicted molecular mass of 67.6 kDa. The apparent molecular mass of the protein is approximately 79 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>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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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**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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