

Recombinant Cynomolgus CA12 protein, His-tagged

Cat. No. CA12-1456C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CA12 protein(A0A2K5TSB2)(Ala25-Gly299), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	C-His
ProteinLength	Ala25-Gly299
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its esterase activity. The specific activity is > 50 pmol/min/µg.
Molecular Mass	The protein has a predicted MW of 32.04 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

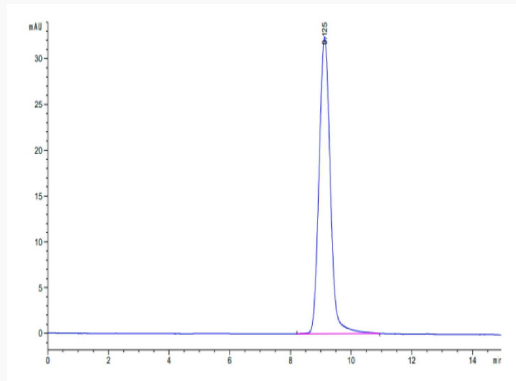
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Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 $\mu\text{g/ml}$ is recommended. Dissolve the lyophilized protein in distilled water.

Tris-Bis PAGE**SEC-HPLC**

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