

Recombinant Cynomolgus PCSK9 protein, His-tagged

Cat. No. PCSK9-1588C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus PCSK9 protein(A0A2K5TZC4)(Glu151-Gln811), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	C-His
ProteinLength	Glu151-Gln811
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	Immobilized Cynomolgus PCSK9, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve Anti-PCSK9 Antibody, hFc Tag with the EC50 of 81.5ng/ml determined by ELISA.
Molecular Mass	Due to autocatalytic cleavage, the protein release the pro-form (59 kDa) and mature form (14 kDa). Due to glycosylation, the protein migrates to 65-70 kDa (pro-form) and 15-20 kDa (mature form) 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.

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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.

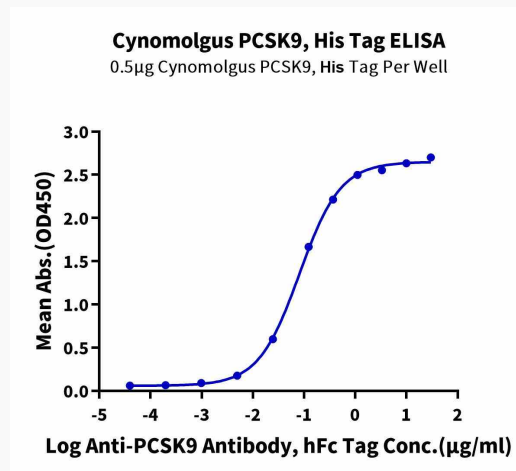
Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Tris-Bis PAGE



ELISA



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