

Recombinant Cynomolgus LDLR protein, His-tagged

Cat. No. LDLR-2947C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus LDLR protein(XP_005588053.1)(Ala22-Gly788), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Ala22-Gly788
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Cynomolgus LDLR, His Tag immobilized on CM5 Chip can bind Cynomolgus PCSK9, His Tag with an affinity constant of 0.27 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 86 kDa, Due to glycosylation, the protein migrates to 115-130 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

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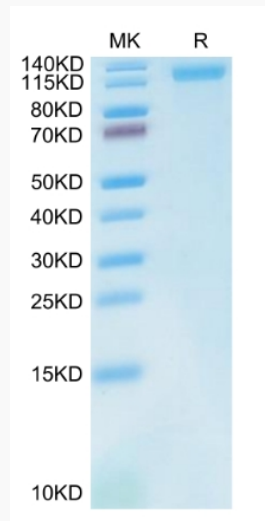
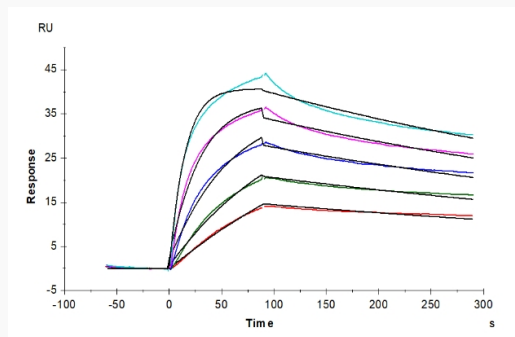
 45-1 Ramsey Road, Shirley, NY 11967, USA

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**SPR Data**

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