

Recombinant Cynomolgus SEMA4D protein, His-tagged

Cat. No. SEMA4D-211C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus SEMA4D protein(A0A2K5TZC9)(Phe24-Arg734), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Phe24-Arg734
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	Immobilized Cynomolgus Semaphorin 4D, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-Semaphorin 4D Antibody , hFc Tag with the EC50 of 11.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 80.1 kDa. Due to glycosylation, the protein migrates to 90-120 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

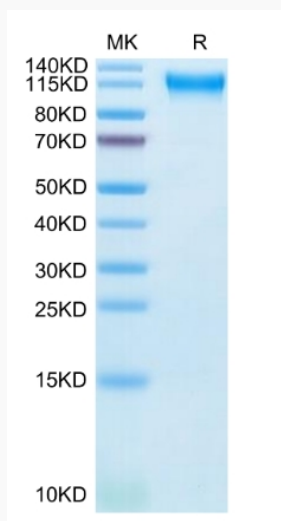
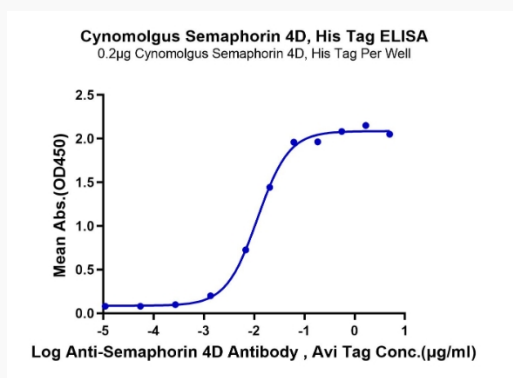
 45-1 Ramsey Road, Shirley, NY 11967, USA

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

ELISA Data


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