

Recombinant Cynomolgus Mesothelin/MSLN Protein

Catalog No.: RP02445 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Cynomolgus	102130460	A0A2K5TW94 -1

Tags

C-His

Synonyms

MSLN; CAK1 antigen; CAK1; megakaryocyte potentiating factor; Mesothelin; MPF; MPFSMRP; Pre-pro-megakaryocyte-potentiating factor; SMR; soluble MPF mesothelin related protein

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE; > 95% by SEC-HPLC

Calculated MW	Observed MW
33 kDa	35-50 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.


Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Background

Basic Information

Description

Recombinant Cynomolgus Mesothelin / MSLN Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Asp296-Gly580) of Cynomolgus Mesothelin/MSLN fused with a His tag at the C-terminal.

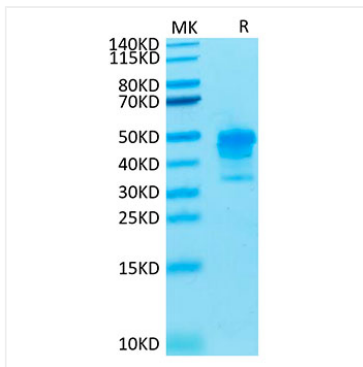
Bio-Activity

Immobilized Cyno MSLN at 0.2 μg/mL (100 μL/Well). Dose response curve for Anti-MSLN Ab with the EC₅₀ of 14.6 ng/mL determined by ELISA.

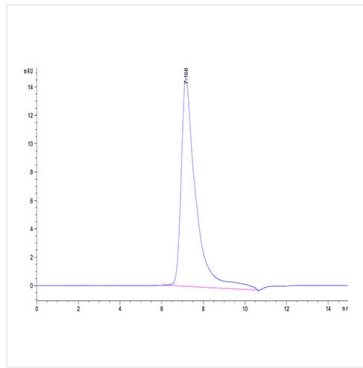
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

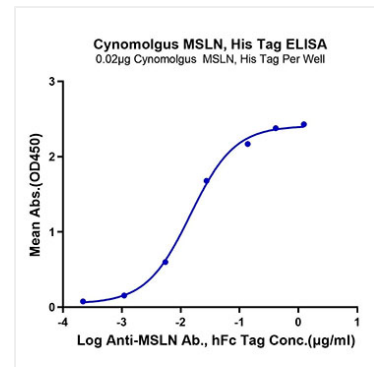
Validation Data



Cynomolgus MSLN on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Cynomolgus MSLN is greater than 95% as determined by SEC-HPLC.



Immobilized Cynomolgus MSLN at 0.2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-MSLN Ab., hFc Tag with the EC₅₀ of 14.6ng/ml determined by ELISA.