

# Recombinant Cynomolgus Mesothelin/MSLN Protein

**Catalog No.: RP02446**

## Sequence Information

**Species**      **Gene ID**  
Cynomolgus      102130460

**Swiss Prot**    **Tags**  
A0A2K5TW94-1   C-hFc

### Synonyms

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

## Product Information

|               |                                                                      |
|---------------|----------------------------------------------------------------------|
| <b>Source</b> | <b>Purification</b>                                                  |
| HEK293 cells  | ≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC. |

### Calculated MW Observed MW

58.6 kDa      70-80 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.

## Background

### Basic Information

#### Description

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

#### Activity

Immobilized Human CA125 at 5 μg/mL (100 μL/Well). Dose response curve for Cyno MSLN with the EC<sub>50</sub> of 4.28 μg/mL determined by ELISA.

#### Shipping

Lyophilized proteins are shipped at ambient temperature.  
Liquid proteins are shipped at frozen temperature with dry ice.  
Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -20°C

#### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

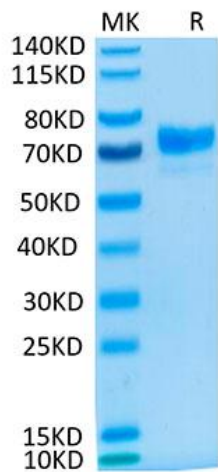
## Contact

☎ | 400-999-6126

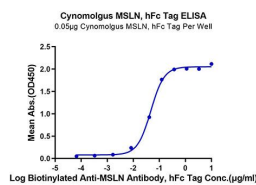
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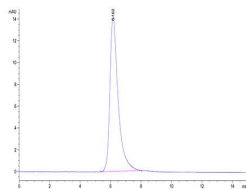
Validation Data



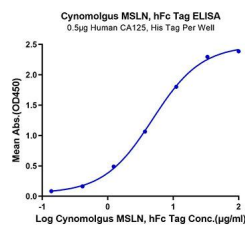
Recombinant Cynomolgus Mesothelin/MSLN Protein was determined by Tris-Bis PAGE under reducing conditions with Coomassie Blue.



Immobilized Cynomolgus MSLN, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-MSLN Antibody, hFc Tag with the EC<sub>50</sub> of 47.1 ng/ml determined by ELISA.



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



Immobilized Human CA125, His Tag at 5µg/mL (100µl/Well). Dose response curve for Cynomolgus MSLN, hFc Tag with the EC<sub>50</sub> of 4.8µg/ml determined by ELISA.