Recombinant Cynomolgus Mesothelin/MSLN Protein

Catalog No.: RP02445

Sequence Information

Species	Gene ID
Cynomolgus	102130460

Swiss Prot	Tags
A0A2K5TW94-1	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 % as determined by Tris-Bis PAGE;≥ 95 % as determined by 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 stablizer (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 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.

Activity
Immobilized Cyno MSLN at 0.2 μg/mL (100 μL/Well). Dose response curve for Anti-MSLN Ab with the EC_{50} of 14.6 ng/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℃

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

Contact

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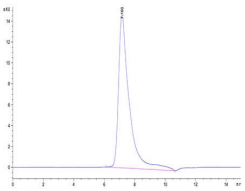
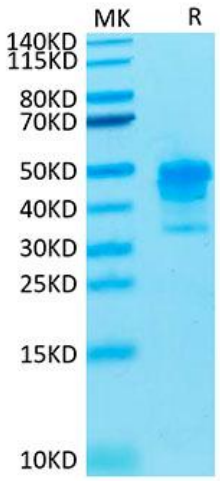
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

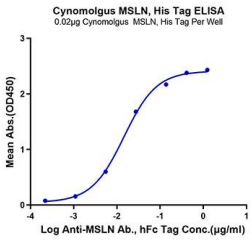
Validation Data



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



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



Immobilized Cynomolgus MSLN at 0.2μg/ml (100μl/Well) on the plate. Dose response curve for Anti-MSLN Ab., hFc Tag with the EC_{50} of 14.6ng/ml determined by ELISA.