

Recombinant Cynomolgus FAP Protein

Catalog No.: RP02730

Sequence Information

Species	Gene ID
Cynomolgus	102134935
Swiss Prot	Tags
XP_005573377	N-His

Synonyms

FAP; FAPalpha; SIMP; Seprase;
APCE; DPPIV; DPPIVA; FAPA

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

86.2 kDa 80-100 kDa

Endotoxin

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

Formulation

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

Fibroblast activation protein (FAP) is a serine protease that has been reported in fibroblasts and some carcinoma cells, which correlates with poor patient outcomes. FAP can be induced under hypoxia which is also vital in the malignant behaviors of cancer cells.

Basic Information

Description

Recombinant Cynomolgus FAP Protein is expressed from Expi293 with His tag at the N-terminal.; It contains Leu26-Asp760.

Activity

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.

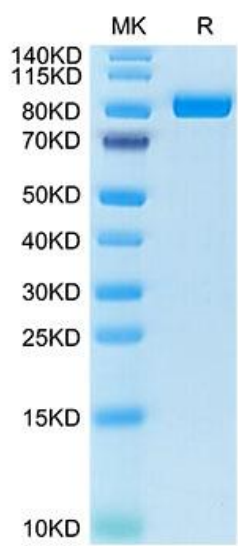
Contact

☎ | 400-999-6126

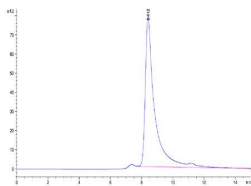
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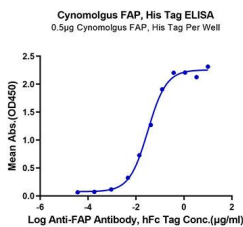
Validation Data



Recombinant Cynomolgus FAP Protein was determined by Tris-Bis PAGE under reducing conditions.



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



Immobilized Cynomolgus FAP at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-FAP Antibody, hFc Tag with the EC₅₀ of 31.2ng/ml determined by ELISA.