

PRODUCT INFORMATION

FAP Target

Synonyms FAP;FAPalpha;SIMP;Seprase;APCE

Recombinant human FAP(30-760) protein with N-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q12884 **Expression Host HEK293** Tag N-6×His Tag

Molecular

Molecular Weight

6×His tag FAP(Arg30-Asp760) Characterization

The protein has a predicted molecular mass of

85.4 kDa after removal of the signal peptide. The apparent molecular mass of His-FAP(30-760) is approximately 100-130 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is

Background thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions

during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been

found for this gene.

Usage Research use only

Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com





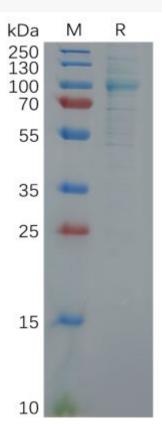


Figure 1. Human FAP (30-760) Protein, His Tag on SDS-PAGE under reducing condition.

Human FAP, His tagged protein ELISA

0.1 μg of Human FAP, His tagged protein per well

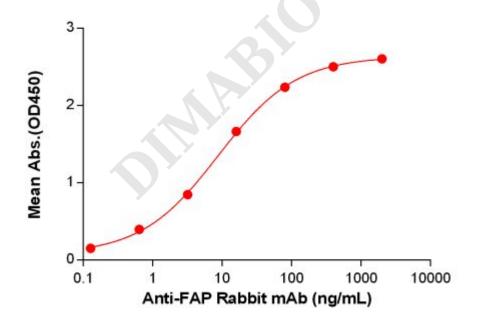


Figure 2. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Human FAP $_30-760$ Protein, His Tag(PME100626) can bind Anti-FAP Rabbit mAb in a linear range of 3.2-80 ng/mL.

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