PRODUCT INFORMATION

Target	FAP
Synonyms	FAP;FAPalpha;SIMP;Seprase;APCE
Description	Recombinant human FAP(30-760) protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q12884
Expression Host	HEK293
Tag	N-6×His Tag
Molecular Characterization	6×His tag FAP(Arg30-Asp760)
Molecular Weight	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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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 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

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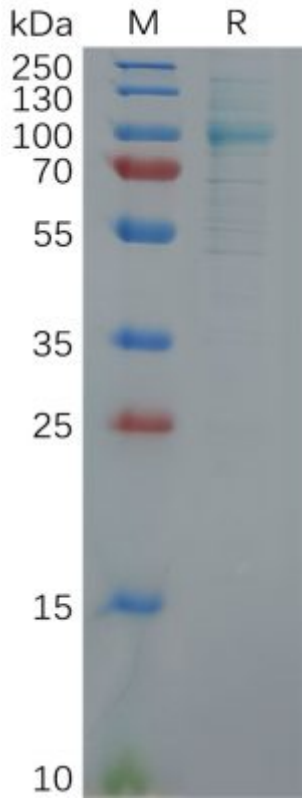


Figure 1. Human FAP (30-760) Protein, His Tag on SDS-PAGE under reducing condition.

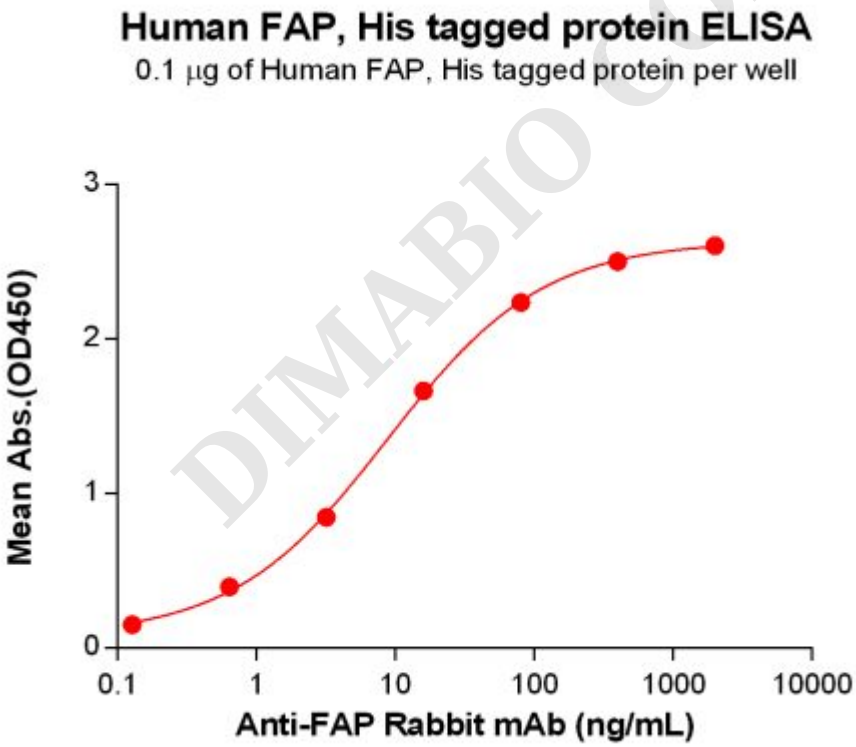


Figure 2. ELISA plate pre-coated by 1 μg/mL (100 μL/well) Human FAP（30-760） Protein, His Tag(PME100626) can bind Anti-FAP Rabbit mAb in a linear range of 3.2-80 ng/mL.

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