HUMAN FAP (30-760) PROTEIN, HIS TAG

Cat.#: 11422
Product Name: Human FAP (30-760) Protein
Size : 10 μg, 50 μg and 100 μg
Synonyms: FAP;APalpha;IMP;eprase;PCE
Target: FAP
UNIPROT ID: Q12884
Description: Recombinant human FAP(30-760) protein with N-terminal 6xHis tag
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.
Species/Host: HEK293
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.
Molecular Characterization: 6×His tag FAP(30-760)(Arg30-Asp760)
Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
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.

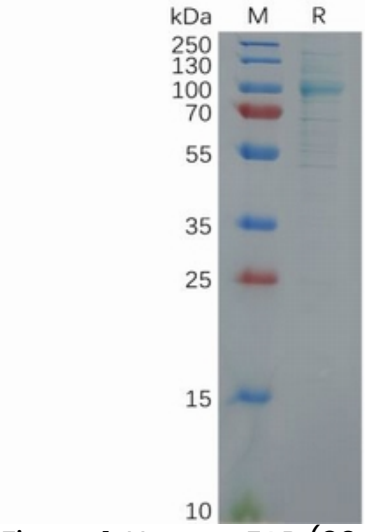

Figure 1. Human FAP (30-760) Protein, His Tag on SDS-PAGE under reducing condition.

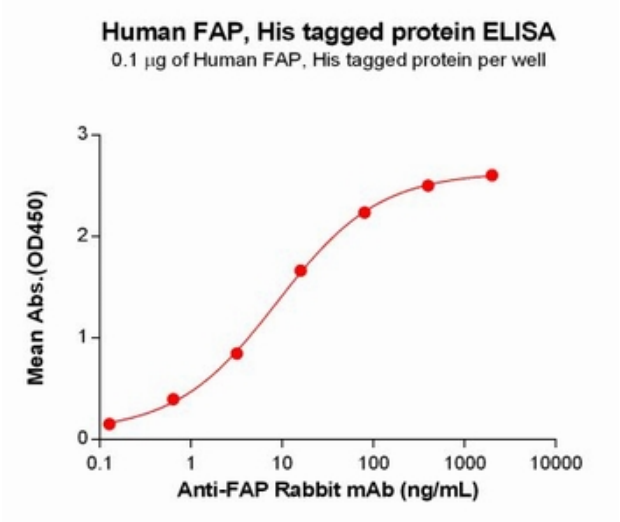

Figure 2. ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human FAPï¼30-760ï¼ Protein, His Tag(11422) can bind Anti-FAP Rabbit mAb in a linear range of 3.2-80 ng/mL.