

32-18487: Cynomolgus FAP Protein, His Tag

Uniprot ID : A0A2K5VGF4

Alternative Name : FAPA; SIMP; DPPIV; FAPalpha

Description

Description : Recombinant Cynomolgus FAP protein with N-terminal 10 \AA —His 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.

Molecular Characterization: mass of 86.0 kDa after removal of the signal peptide. The apparent molecular mass of His-cFAP is approximately 70-100 kDa due to glycosylation.

Tag : N-10 \AA —His tag

Product Info

Amount : 50 μg / 100 μg

Purification : The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.

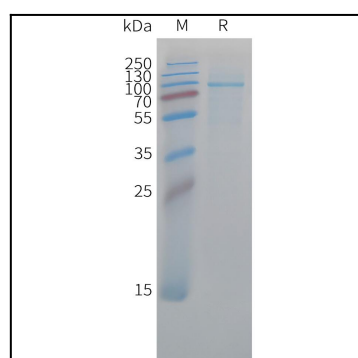


Figure 1. Cynomolgus FAP Protein, His Tag on SDS-PAGE under reducing condition.