

Recombinant Human Prolyl endopeptidase FAP Protein

Catalog No.: RP01252LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	2191	Q12884

Tags

C-His

Synonyms

DPPIV; FAPA; FAPalpha; SIMP;FAP; DPPIV;
prolyl endopeptidase
FAP;FAPA;FAPalpha;SIMP

Product Information

Source	Purification
Baculovirus-Infected Sf9 Cells	> 95% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution in 16mM Tris,240mM Nacl and 20% glycerol,pH7.5.Contact us for customized product form or formulation.

Reconstitution

Background

Basic Information

Description

Recombinant Human Prolyl endopeptidase FAP Protein is produced by Baculovirus-Infected Sf9 Cells expression system. The target protein is expressed with sequence (Arg27-Asp760) of human FAP (Accession #NP_004451.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

1.Measured by its binding ability in a functional ELISA. Immobilized Human FAP at 1 μg/mL (100 μL/well) can bind FAP Rabbit mAb with a linear range of 0.03-1.77 ng/mL.|2.Measured by its ability to convert the substrate benzyloxycarbonyl-Gly-Pro-7-amido-4-methylcoumarin (Z-GP-AMC) to Z-Gly-Pro and 7-amino-4-methylcoumarin (AMC).The specific activity is >2314 pmol/min/μg.

Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

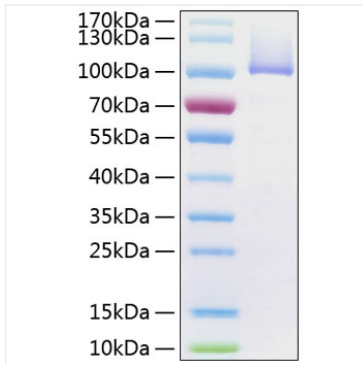
Contact

 | 400-999-6126

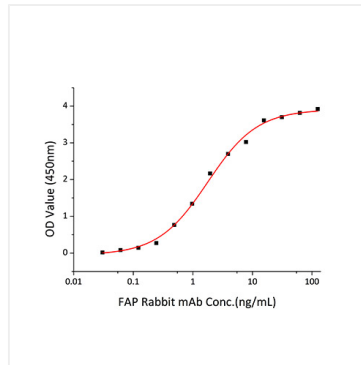
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Validation Data



Recombinant Human Prolyl endopeptidase FAP Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100 kDa.



Immobilized Human FAP at 1 μ g/mL (100 μ L/well) can bind FAP Rabbit mAb with a linear range of 0.03-1.77ng/mL.