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Human Prolyl endopeptidase FAP Recombinant Protein (85-410)

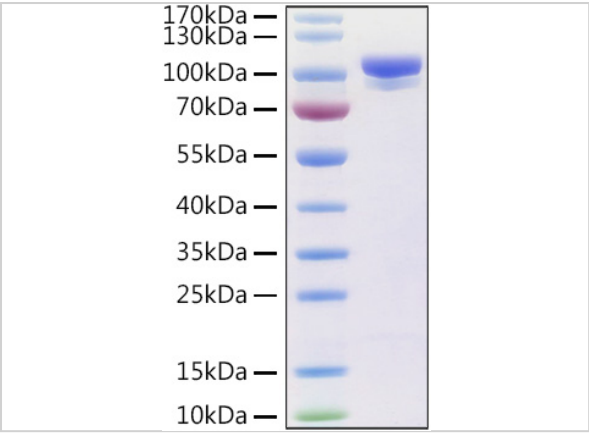
CATALOG NUMBER: 85-410

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	85.87 kDa
Biological 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 0.03-3.94 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 >2863 pmol/min/μg. 3.Measured by its ability to hydrolyze the substrate Z-Gly-Pro-AMC to Z-Gly-Pro and AMC. The specific activity is >3000 pmol/min/μg.

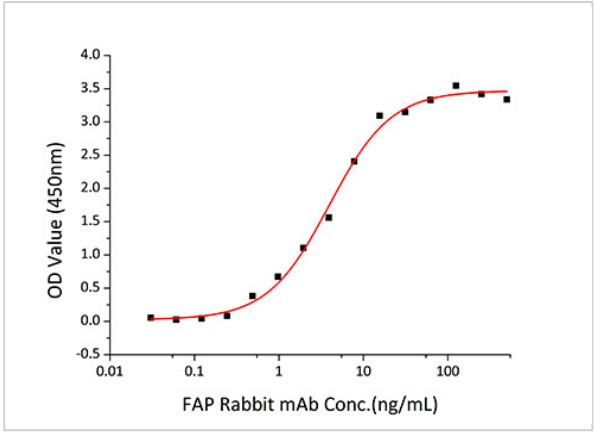
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Supplied as a 0.22 μm filtered solution in PBS, pH 7.4.
Storage Conditions	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.



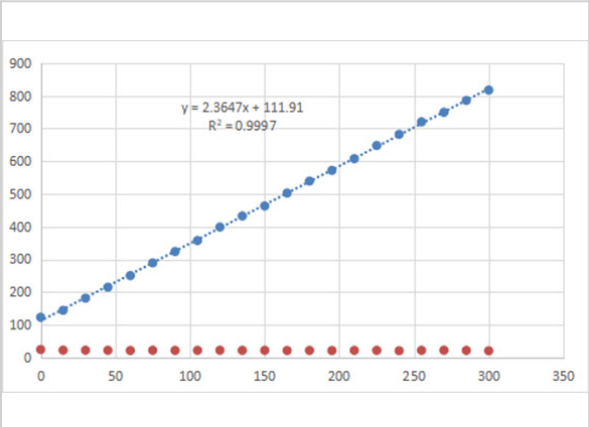
85-410_1

Recombinant Human Prolyl endopeptidase FAP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-410_2

Immobilized Human FAP at 1μg/mL (100 μL/well) can bind FAP Rabbit mAb with a linear range of 0.03-3.94ng/mL.



85-410_3

Recombinant Human Prolyl endopeptidase FAP hydrolyze the substrate Z-Gly-Pro-AMC to Z-Gly-Pro and AMC. The specific activity is >3000 pmol/min/μg.

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.