

Prolyl endopeptidase FAP Active Protein | FAP active protein

Active Recombinant Human Prolyl endopeptidase FAP Protein

CATALOG #
AAA282471

HOST
HEK293 cells

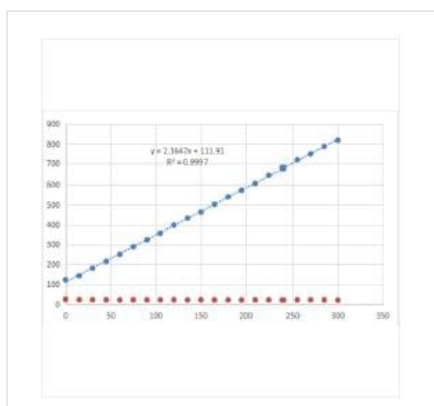
PRODUCT SYNONYMS

Prolyl endopeptidase FAP; Active Recombinant Human Prolyl endopeptidase FAP Protein; DPPIV; FAPA; FAPalpha; SIMP; FAP; prolyl endopeptidase FAP; FAP active protein

PRODUCT SPECIFICATIONS

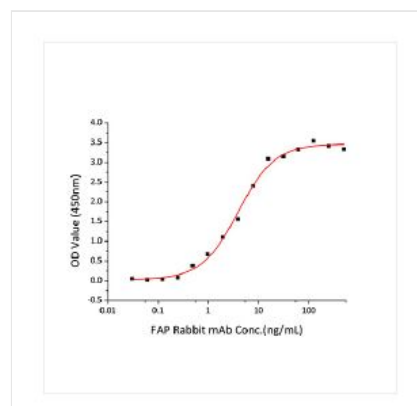
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Supplied as a 0.22 um filtered solution in PBS, pH 7.4.
Species	Human
Tag	C-His
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Human FAP at 1 ug/mL (100 uL/well) can bind FAP Rabbit mAb with 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/ug. 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/ug.
Preparation and Storage	This liquid product is stable at <= 70 degree C for up to 1 year from the date of receipt.For optimal storage, aliquot into smaller quantities after centrifugation and storeat recommended temperature. Avoid repeated freeze/thaw cycles. Ship: Dry Ice

IMAGES



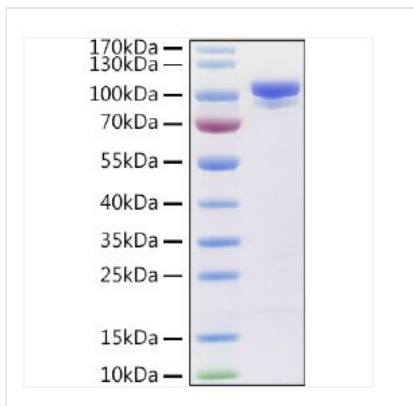
Application Data

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/ug.



Application Data

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



SDS-PAGE

Active Recombinant Human Prolyl endopeptidase FAP Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 95-100kDa.

ADDITIONAL INFORMATION

Related Product Information for FAP active protein	Active Recombinant Human Prolyl endopeptidase FAP Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu26-Asp760) of human FAP/FAPalpha (Accession #NP_004451.2) fused with a 6×His tag at the C-terminus.
Product Categories/Family for FAP active protein	Other Recombinant Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	16933540
NCBI GeneID	2191
NCBI Accession #	NP_004451.2
NCBI GenBank Nucleotide #	NM_004460.2
UniProt Accession #	Q12884 ; O00199 ; Q53TP5 ; Q86Z29 ; Q99998 ; Q9UID4
Molecular Weight	87,713 Da
NCBI Official Full Name	seprase
NCBI Official Synonym Full Names	fibroblast activation protein, alpha
NCBI Official Symbol	FAP
NCBI Official Synonym Symbols	FAPA; DPPIV
NCBI Protein Information	seprase; integral membrane serine protease; 170 kDa melanoma membrane-bound gelatinase
UniProt Protein Name	Seprase
UniProt Gene Name	FAP
UniProt Entry Name	SEPR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/prolyl-endopeptidase-fap/282471>