

Active Recombinant Human FAP protein, His-tagged

Cat. No. FAP-427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAP(Leu26-Asp760) fused with His tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Leu26-Asp760
Form	Supplied as a 0.2 µm filtered solution in Tris, NaCl and Glycerol. See Certificate of Analysis for details.
Bio-activity	Measured by its ability to convert the substrate benzyloxycarbonylGlyPro7amido4meth hylcoumarin (ZGPAMC) to ZGlyPro and 7amino4methylcoumarin (AMC). The specific activity is >1800 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Predicted Molecular Mass: 86 kDa;SDSPAGE: 85 kDa, reducing conditions
Endotoxin	<1.0 eu per 1 µg of the protein by the lal>
Purity	>95%, by SDSPAGE under reducing conditions and visualized by silver stain.
Storage	Use a manual defrost freezer and avoid repeated freezethaw cycles.6 months from date of receipt, -70 centigrade as supplied.3 months, -70 centigrade under sterile conditions after opening.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping

The product is shipped with dry ice or equivalent. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION
Gene Name

FAP fibroblast activation protein, alpha [Homo sapiens]

Official Symbol

FAP

Synonyms

FAP; fibroblast activation protein, alpha; seprase; DPPIV; integral membrane serine protease; 170 kDa melanoma membrane-bound gelatinase; FAPA; DKFZp686G13158;

Gene ID

2191

mRNA Refseq

NM_004460

Protein Refseq

NP_004451

MIM

600403

UniProt ID

Q12884

Chromosome Location

2q23

Function

dipeptidyl-peptidase activity; endopeptidase activity; metalloendopeptidase activity; peptidase activity; protease binding; protein binding; protein dimerization activity; protein homodimerization activity; serine-type endopeptidase activity; serine-type peptidase activity; contributes_to serine-type peptidase activity; serine-type peptidase activity;

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