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SCREENING AND PROFILING SERVICES CUSTOM DEVELOPMENT RESOURCES COMPANY

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FAP, His-Tag Recombinant

50 % discount on select proteins. [Learn more](#). Free FluoSite™ Labeled Antibody (25 tests) with the purchase of an Overexpressing or KO cell line. [Contact us](#) for this promotion.

Description

Human Fibroblast Activation Protein also known as Integral Membrane Serine Protease) encompassing amino acids 29-760(end), This construct contains a C-terminal His-tag (6xHis). The recombinant protein was affinity purified.

Synonyms

Fibroblast Activation Protein, seprase, Integral Membrane Serine Protease, Surface-Expressed Protease

Product Data Gallery



Purchase

Catalog # 80100

\$485 *

Size: 25 µg

Qty

1

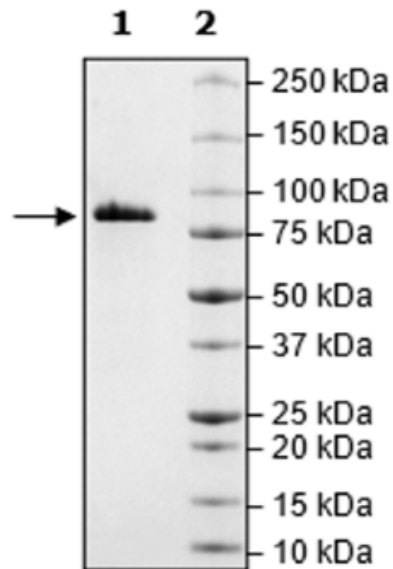
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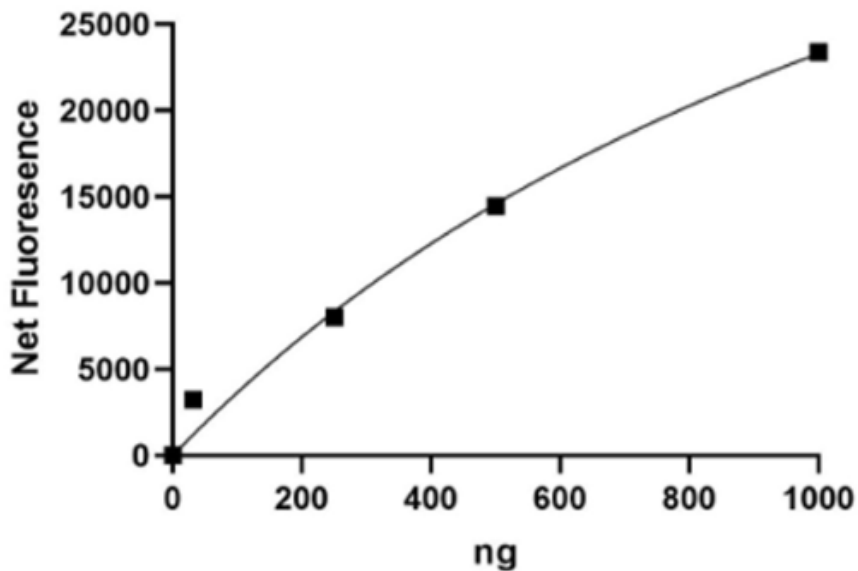
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Datasheets/Protocols





4-20% SDS-PAGE Coomassie Staining



FAP Activity

Datasheet PDF

Datasheets provide protein specifications, which is non lot-specific information. [Contact us](#) to request information on currently available lots or to obtain a lot-specific data report.

[General Protocols](#)

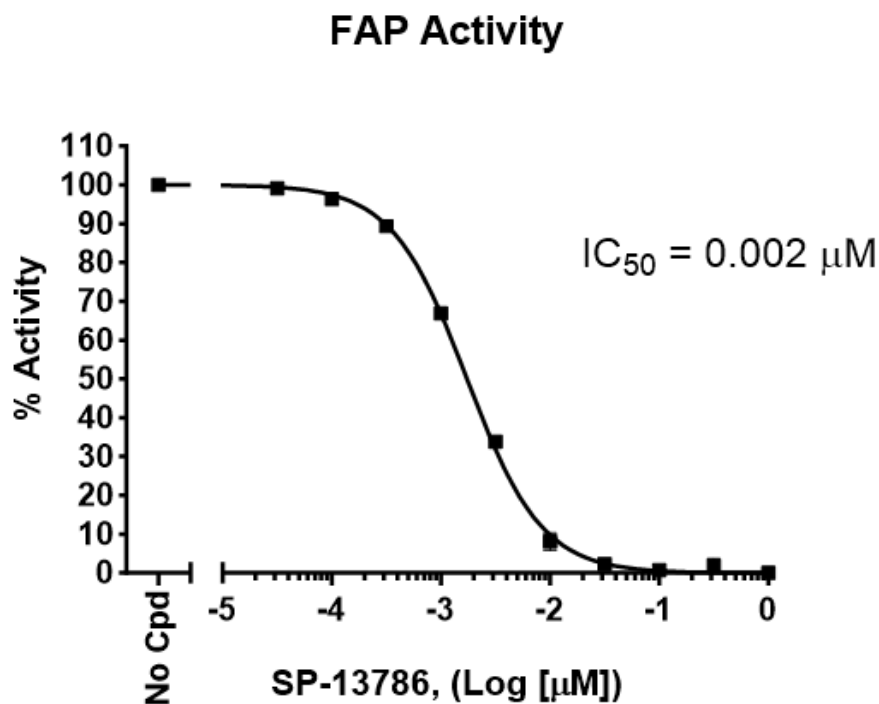
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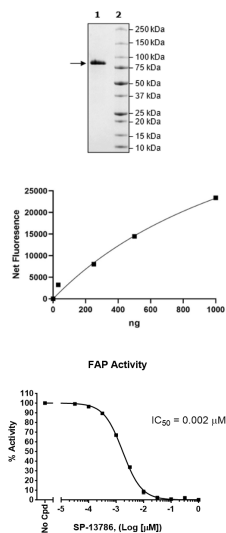
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[Protease Screening and Profiling Services](#)

Service Inquiry



FAP inhibition curve using a fluorogenic assay (#80210).
Representative data only; data may vary by lot.



You may also be
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Related Products

[FAP Fluorogenic Assay Kit](#)

[FAP, His-Tag \(Mouse\)](#)

Recombinant

FAP- CHO K1
Recombinant Cell Line
(High, Medium or Low
Expression)

Related Services

Protein Production &
Labeling

Custom Recombinant Cell
Lines

Protease Screening
& Profiling Services

Product Info

Storage and Usage

Citations

0

Species

Human

Construct

FAP (29-760(end)-His)

Host Species/Expression System

Sf9

Purity

≥90%

Format

Aqueous buffer solution.

Formulation

40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, variable Imidazole, 3 mM DTT, and 20% glycerol.

MW

86 kDa

Amino Acids

29-760(end)

Specific Activity

≥83 pmol/min/μg

Genbank #

NM_004460

UniProt #

Q12884

Tag(s)

C-terminal His-tag

Background

Fibroblast Activation Protein, or FAP, is a 170 kDa dimer with dipeptidase activity. FAP expression is seen on activated stromal fibroblasts in >90% of all human carcinomas, suggesting a role in the development, growth and metastasis of carcinomas. It is also involved in the control of wound healing and tissue repair.

References

1. Edosada, C.Y. et al., J. Biol. Chem. 281 (11), 7437-7444 (2006).
 2. Edosada, C.Y. et al., FEBS Lett. 580 (6), 1581-1586 (2006).
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