

FAP recombinant protein

Biotinylated Human FAP Protein Recombinant

CATALOG #	HOST
AAA76305	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

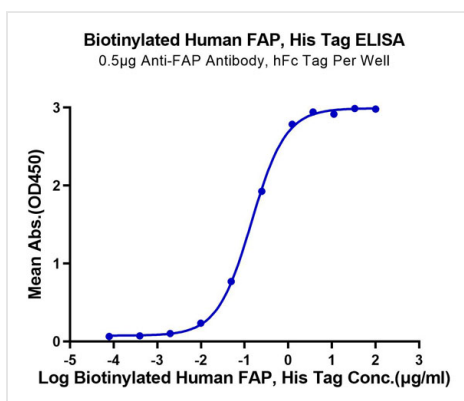
PRODUCT SYNONYMS

FAP; Biotinylated Human FAP Protein Recombinant; FAP recombinant protein

PRODUCT SPECIFICATIONS

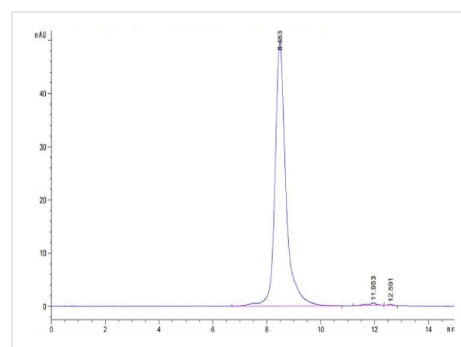
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human FAP was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human FAP including a N-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Biological Process	Angiogenesis, Cell-adhesion, Hydrolase
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



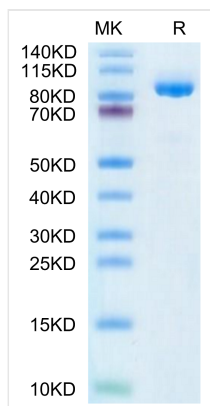
ELISA

Biotinylated Human FAP Protein ELISA Data: Immobilized Anti-FAP Antibody at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human FAP, His Tag with the EC₅₀ of 0.14 µg/ml determined by ELISA.



Application Data

Biotinylated Human FAP Protein SEC-HPLC: The purity of Biotinylated Human FAP is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human FAP Protein Tris-Bis PAGE Biotinylated Human FAP on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for FAP recombinant protein

Biotinylated proteins

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/fap-recombinant-protein-hek293-cells/76305>