Datasheet for ABIN7274586

FAP Protein (AA 26-761) (His tag)

3 Images

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Overview

Quantity:	100 µg
Target:	FAP
Protein Characteristics:	AA 26-761
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAP protein is labelled with His tag.

Product Details

Purpose:	Mouse FAP Protein
Sequence:	Leu26-Asp761
Characteristics:	Recombinant Mouse FAP Protein is expressed from HEK293 with His tag at the N-Terminus.It contains Leu26-Asp761.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	FAP
Alternative Name:	FAP (FAP Products)

Target Details

Background:	Fibroblast activation protein (FAP) is a serine protease that has been reported in fibroblasts and some carcinoma cells, which correlates with poor patient outcomes. FAP can be induced under hypoxia which is also vital in the malignant behaviors of cancer cells.
Molecular Weight:	86.4 kDa. Due to glycosylation, the protein migrates to 90-100 kDa based on Tris-Bis PAGE result.
Pathways:	Tube Formation

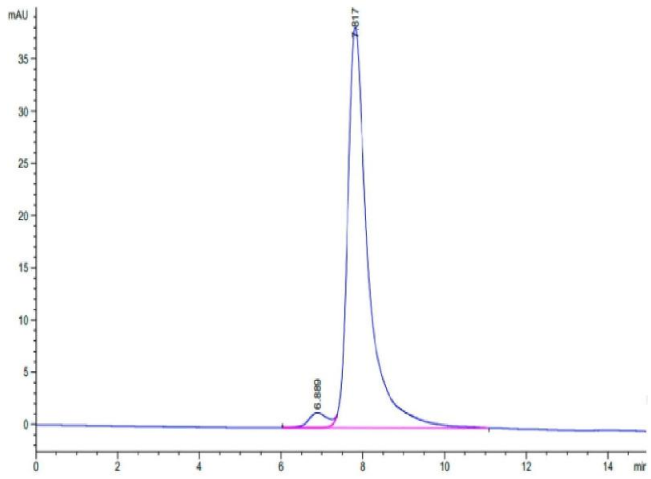
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse FAP is greater than 95 % as determined by SEC-HPLC.

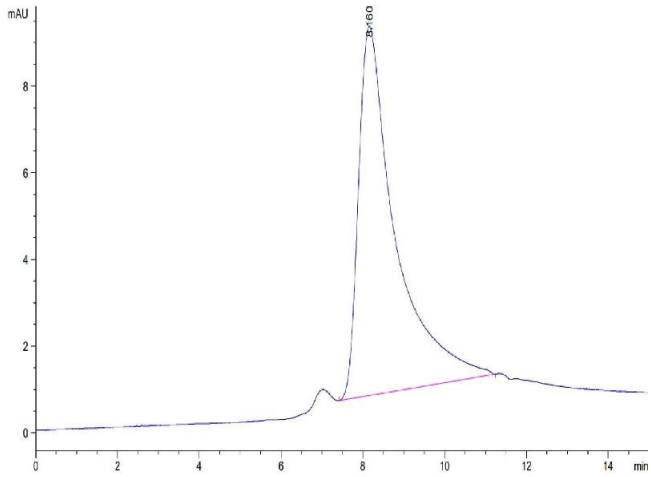


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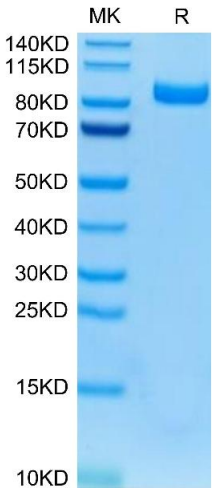
Image 2. The purity of Mouse FAP is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 3. Mouse FAP on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .