

**PRODUCT INFORMATION**

<b>Target</b>	FAP
<b>Synonyms</b>	SIMP
<b>Description</b>	Recombinant mouse FAP protein with N-terminal 10×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P97321
<b>Expression Host</b>	HEK293
<b>Tag</b>	N-10×His tag
<b>Molecular Characterization</b>	10×His tag Mouse FAP(Leu26-Asp761)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 86.7 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	This gene belongs to the serine protease family. The encoded protein is an inducible cell-surface bound glycoprotein specifically expressed in tumor-associated fibroblasts and pericytes of epithelial tumors and has protease and gelatinase activity. The protein plays a role in remodeling of the extracellular matrix (ECM) and may affect tumorigenesis and tissue repair. Alternately spliced transcript variants of this gene are described in the literature (PMID 9139873), but the full-length sequence of these variants is not available. [provided by RefSeq, Apr 2013]
<b>Usage</b>	Research use only



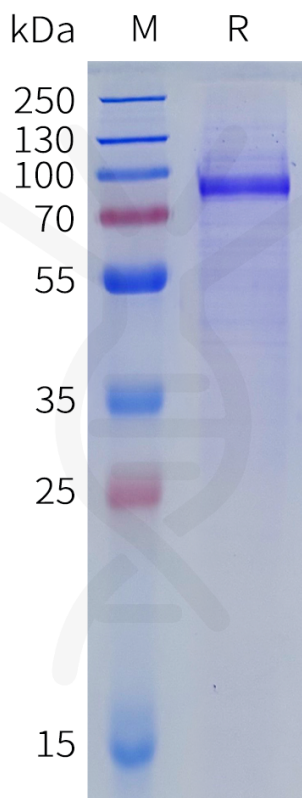


Figure 1. Mouse FAP Protein, His Tag on SDS-PAGE under reducing condition.

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