PRODUCT INFORMATION

Target	FAP
Synonyms	SIMP;APCE
Description	Recombinant mouse FAP protein with C-terminal mFc tag
Delivery	In Stock
Uniprot ID	P97321
Expression Host	HEK293
Tag	C-Mouse Fc Tag
Molecular Characterization	Mouse FAP(Leu26-Asp761) mFc(Pro99-Lys330)
Molecular Weight	The protein has a predicted molecular mass of 111.4 kDa after removal of the signal peptide.The apparent molecular mass of Mouse-FAP-mFc is approximately 130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Background	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.
Usage	Research use only
Conjugate	Unconjugated

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Mouse FAP Protein, C-mFc Tag

Cat. No. PME100529

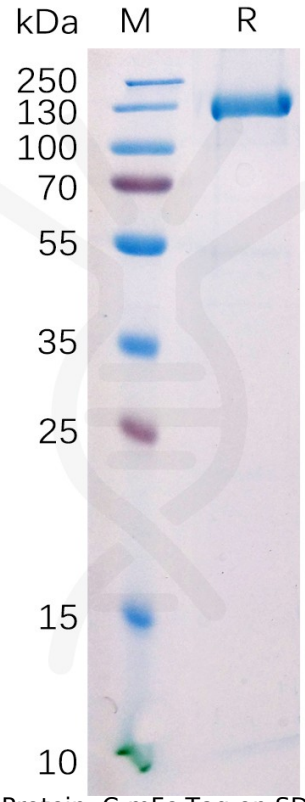


Figure 1. Mouse FAP Protein, C-mFc Tag on SDS-PAGE under reducing condition.

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