

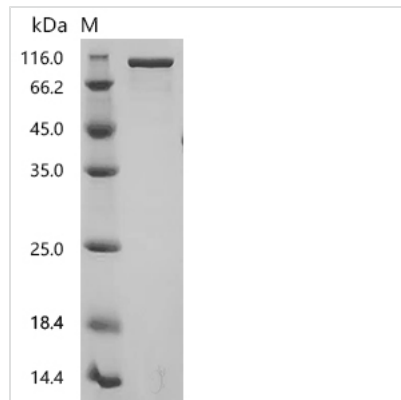


Recombinant Human Prolyl endopeptidase FAP (FAP), partial (Active)

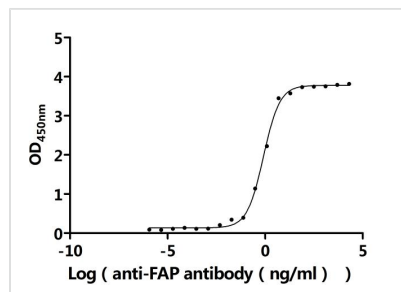
Product Code	CSB-MP008424HU
Abbreviation	Recombinant Human FAP protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q12884
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human FAP at 2 µg/mL can bind Anti-FAP recombinant antibody (CSB-RA008424MA1HU). The EC50 is 0.7317-0.9126 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	LRPSRVHNSEENTMRALTLKDILNGTFSYKTFPPNWISGQEYLHQSADNNIVLY NIETGQSYTILSNRTMKSVNASNYGLSPDRQFVYLESDYSKLWRYSYTATYYIY DLSNGEFVRGNELPRPIQYLCWSPVGSKLAYVYQNNIYLKQRPDPPFQITFN GRENKIFNGIPDWVYEEEMLATKYALWWSPNGKFLAYAEFNDTDIPVIAYSYY GDEQYPRITINIPYPKAGAKNPVVRIFIIDTTYPAYVGPQEVVPAMIASSDYYFS WLTWVTDERVCLQWLKRVQNVSVLSICDFREDWQTWDCPKTQEHIEESRTG WAGGFFVSTPVFSYDAISYYKIFSDKDGKHYKHIYIKDTVENAIQITSGKWEAINIF RVTQDSLFFYSSNEFEEYPGRRNIYRISIGSYPPSKKCVTCHLRKERCQYYTASF SDYAKYYALVCYGPPISTLHDGRTDQEIKILEENKELENALKNIQLPKKEIKKL EVDEITLWYKMILPPQFDRSKKYPLLIQVYGGPCSSQSVRSVFAVNWISYLASKE GMVIALVDGRGTAFQGDKLLYAVYRKLGVYEVEDQITAVRKFIEMGFIDEKRIAI WGWSYGGYVSSLALASGTGLFKCGIAVAPVSSWEYYASVYTERFMGLPTKDD NLEHYKNSTVMARAEYFRNVYLLIHGTADDNVHFQNSAQIAKALVNAQVDFQ AMWYSDQNHGLSGLSTNHLTHMTHFLKQCFSLS
Source	Mammalian cell
Target Names	FAP
Expression Region	26-760aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	88.7 kDa


Protein Length

Partial

Image


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.


Activity

Measured by its binding ability in a functional ELISA. Immobilized Human FAP at 2 µg/ml can bind Anti-FAP recombinant antibody (CSB-RA008424MA1HU). The EC₅₀ is 0.7317-0.9126 ng/mL.

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.