

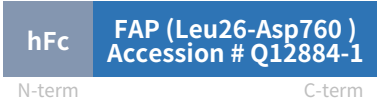
Rev04
 Update: Aug,08,2025

DATASHEET

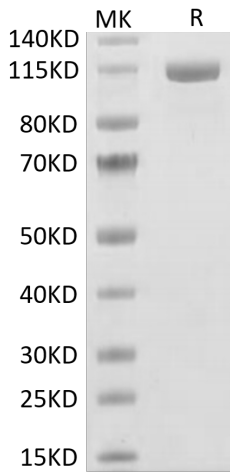
FAP hFc Chimera, Human

Cat. No.: Z03893

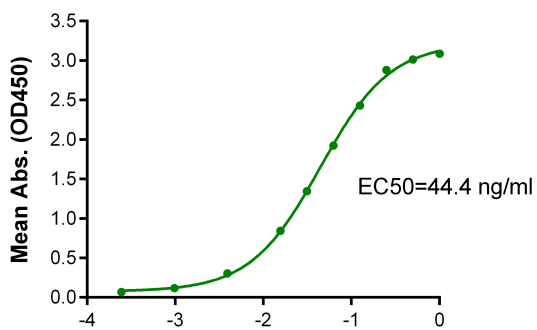
Product Introduction

Species	Human
Protein Construction	 <p>hFc FAP (Leu26-Asp760) Accession # Q12884-1</p> <p>N-term C-term</p>
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Immobilized FAP hFc Chimera, Human (Cat.No.: Z03893) at 2 µg/ml (100µl/Well) on the plate can bind Biotinylated Anti-FAP Antibody, hFc Tag
Expression System	HEK293
Theoretical Molecular Weight	112.3 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 110-120 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O more than 100 µg/ml.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples

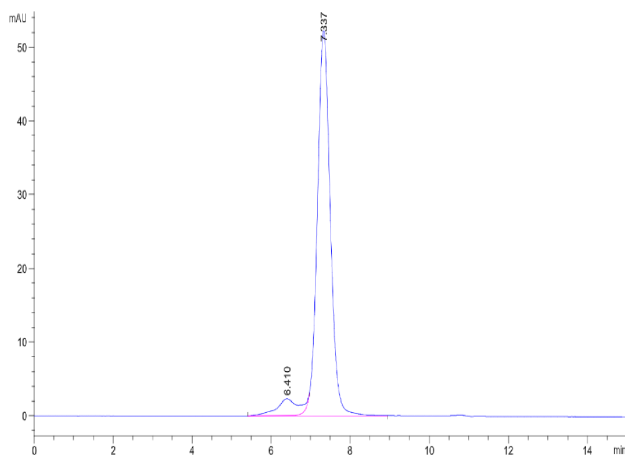


FAP hFc Chimera, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Log Biotinylated Anti-FAP Antibody, hFc Tag Conc. ($\mu\text{g/ml}$)

Immobilized FAP hFc Chimera, Human at $2 \mu\text{g/ml}$ ($100 \mu\text{l/well}$) on the plate. Dose response curve for Biotinylated Anti-FAP Antibody, hFc Tag with the EC_{50} of 44.4 ng/ml determined by ELISA.



The purity of FAP hFc Chimera, Human is greater than 90% as determined by SEC-HPLC.

Background

Target 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.

Synonyms : FAP; FAPalpha; SIMP; Seprase; APCE; DPPIV; DPPIVA; FAPA

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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