

Biotinylated Cynomolgus FAP Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
Biotinylated Cynomolgus FAP Protein, His-Avi Tag	93165ES60	100 µg
	93165ES76	500 µg
	93165ES80	1 mg

产品描述

FAP (also known as seprase) is a 95 kDa Type II transmembrane serine protease that is structurally related to dipeptidyl peptidase IV (DPPIV/CD26). Within the extracellular domain (ECD), human FAP shares 90% amino acid (aa) sequence identity with mouse and rat FAP. FAP is expressed on reactive stromal fibroblasts in tumor tissue and wound healing and on synovocytes in rheumatoid arthritis. The matrix-degrading activity of FAP contributes to tumor cell migration and invasion. In addition, FAP can enhance tumor cell growth by limiting the development of anti-tumor immunity.

产品性质

Synonyms	FAP; FAPalpha; SIMP; Seprase; APCE; DPPIV; DPPIVA; FAPA
Accession	XP_005573377
Source	Recombinant Biotinylated Cynomolgus FAP Protein is expressed from HEK293 Cells with His tag and Avi tag at the N-terminal. It contains Leu26-Asp760.
Molecular Weight	The protein has a predicted MW of 88 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Tris-Bis PAGE result.
Physical Appearance	Liquid Solution
Purity	> 95% as determined by SDS-PAGE and HPLC
Endotoxin	< 1.0 EU per 1µg of the protein by the LAL method.
Formulation	Supplied as 0.22µm filtered solution in 20mM Tris, 500mM NaCl, 200mM Arginine (pH 8.2).

运输与保存方法

The products are shipped with ice pack and can be stored at -80°C for 1 year.

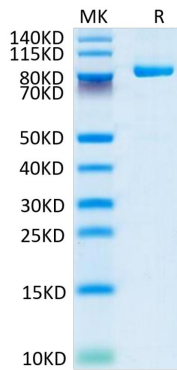
Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

注意事项

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. For research use only!

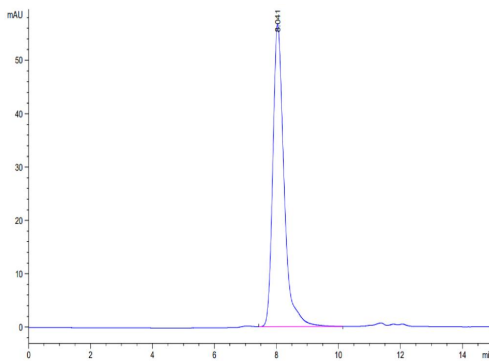
产品数据

Tris-Bis PAGE



Biotinylated Cynomolgus FAP on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

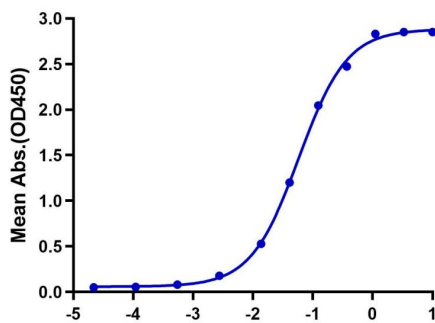
SEC-HPLC



The purity of Biotinylated Cynomolgus FAP is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Cynomolgus FAP, His Tag ELISA
0.5µg Anti-FAP Antibody, His Tag Per Well



Log Biotinylated Cynomolgus FAP, His Tag Conc.(µg/ml)

Immobilized Anti-FAP Antibody, hFc Tag at 5µg/mL (100µl/well) on the plate. Dose response curve for Biotinylated Cynomolgus FAP, His Tag with the EC₅₀ of 58.5ng/mL determined by ELISA.