

Biotinylated Recombinant Human HGFR/c-MET Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
Biotinylated Recombinant Human HGFR/c-MET Protein, His-Avi Tag	93127ES60	100 µg
	93127ES76	500 µg
	93127ES80	1 mg

产品描述

HGFR is a glycosylated receptor tyrosine kinase that plays a central role in epithelial morphogenesis and cancer development. The protein possesses tyrosine kinase activity. The primary single chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide linked to form the mature receptor. Within the ECD, human HGFR shares 86%-88% aa sequence identity with canine, mouse, and rat HGFR.

产品性质

Synonyms	MET; oncogene MET; cMET; Met (c-Met); RCCP2; SF receptor; Hepatocyte Growth Factor Receptor
Uniprot No.	P08581-1
Source	Recombinant Biotinylated Human HGFR/c-MET Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal. It contains Glu25-Thr932.
Molecular Weight	The mature form of HGFR is a heterodimer which can be cleaved into α and β chain. The protein has a predicted MW of 32.5 kDa (α chain) and 72.1 kDa (β chain). Due to glycosylation, the protein migrates to 45-50 kDa and 80-90 kDa based on Tris-Bis PAGE result.
Purity	> 95% as determined by SDS-PAGE and HPLC
Activity	ELISA Data: Immobilized Anti-HGF R Antibody, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human HGFR, His Tag with the EC ₅₀ of 25.7ng/ml determined by ELISA.
Endotoxin	< 1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

运输与保存方法

The products are shipped with ice pack and can be stored at -20°C for 1 year.

2-7 days, 2 to 8 °C under sterile conditions after reconstitution.

3 months, -20 °C under sterile conditions after reconstitution.

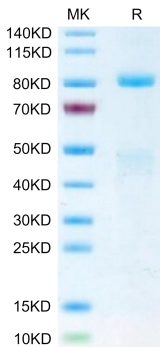
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

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

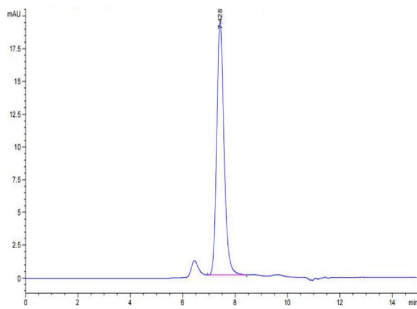
产品数据

Tris-Bis PAGE



Biotinylated Human HGFR on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

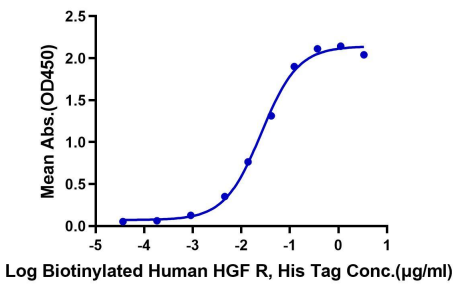
SEC-HPLC



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

ELISA Data

Biotinylated Human HGF R, His Tag ELISA
 0.05 μ g Anti-HGF R Antibody, hFc Tag Per Well



Immobilized Anti-HGFR Antibody, hFc Tag at 0.5 μ g/ml (100 μ l/Well) on the plate. Dose response curve for Biotinylated Human HGFR, His Tag with the EC50 of 25.7ng/ml determined by ELISA.

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