

HB220930

Biotinylated Recombinant Human TROP-2/TACSTD2 Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
Biotinylated Recombinant Human TROP-2/TACSTD2 Protein, His-Avi Tag	93592ES25	25 µg
	93592ES60	100 µg
	93592ES76	500 µg
	93592ES80	1 mg

产品描述

Trop-2, also known as epithelial glycoprotein-1 antigen (EGP-1), is a protein that in humans is encoded by the TACSTD2 gene. Mutations of this gene result in gelatinous drop-like corneal dystrophy, an autosomal recessive disorder characterized by severe corneal amyloidosis leading to blindness.

产品性质

别名	EGP1; EGP-1; TROP2; GA733-1; gp50; T16; TACSTD2; TROP-2; M1S1; TACD2
Uniprot No.	P09758
表达区间及表达系统	Recombinant Biotinylated Human TROP-2/TACSTD2 Protein is expressed from HEK293 cells with His tag and Avi tag at the C-terminal. It contains His27-Thr274.
分子量	The protein has a predicted MW of 30.5 kDa. Due to glycosylation, the protein migrates to 46-55 kDa based on Tris-Bis PAGE result.
纯度	> 95% as determined by SDS-PAGE and HPLC
活性	ELISA Data: Immobilized Anti-TROP-2 Antibody, hFc Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human TROP-2, His Tag with the EC ₅₀ of 24.1 ng/mL determined by ELISA.
内毒素	< 1.0 EU per 1µg of the protein by the LAL method.
制剂	Lyophilized from 0.22 µm filtered solution in PBS (pH7.4). Normally 5% trehalose is added as protectant before lyophilization.
复溶	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

运输与保存方法

冰袋运输。-20°C保存，一年有效期。

复溶后, -20 至 -80°C, 在未开封状态下保存 3-6 个月。复溶后, 2-8°C 保存 2-7 天。

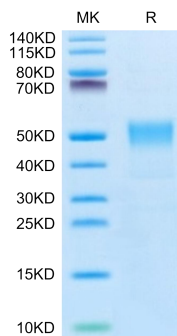
建议第一次使用时分装冻存, 避免反复冻融。

注意事项

1. 避免反复冻融。
2. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。
3. 本产品仅作科研用途!

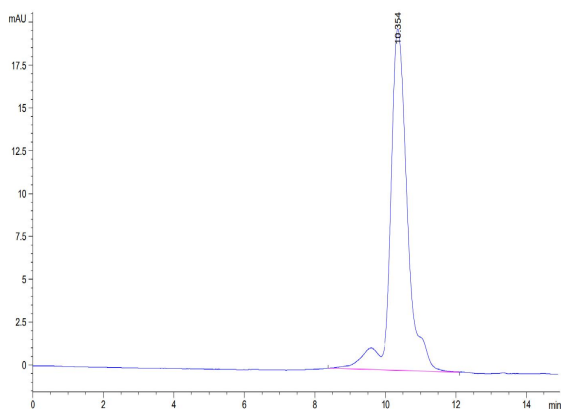
产品数据

Tris-Bis PAGE



Biotinylated Human TROP-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

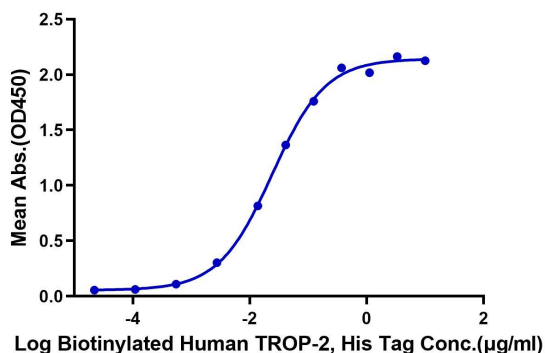


The purity of Biotinylated Human TROP-2 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human TROP-2, His Tag ELISA

0.05 μ g Anti-TROP-2 Antibody, hFc Tag Per Well



Immobilized Anti-TROP-2 Antibody, hFc Tag at 0.5 μ g/mL (100 μ L/well) on the plate. Dose Response curve for Biotinylated Human TROP-2, His Tag with the EC₅₀ of 24.1 ng/mL determined by ELISA.