

Biotinylated Recombinant Human MSLN/Mesothelin (His-Avi Tag)

产品信息

产品名称	产品编号	规格
Biotinylated Recombinant Human MSLN/Mesothelin (His-Avi Tag)	93114ES25	25 µg
	93114ES60	100 µg
	93114ES76	500 µg
	93114ES80	1 mg

产品描述

Mesothelin, also known as CAK1 and ERC, is derived from a 70 kDa precursor that also includes Megakaryocyte Potentiating Factor (MPF). MPF is a cytokine that potentiates IL-3 induced megakaryocyte colony formation. This recombinant human Mesothelin lacks the 8 aa insertion, and within aa 296-580 it shares 59% sequence identity with mouse and rat Mesothelin. Mesothelin is normally expressed on mesothelial cells in the pleura, pericardium, and peritoneum as well as in the developing and postnatal pancreas. It is upregulated in mesotheliomas and a range of carcinomas and adenomas. Mesothelin promotes tumor cell proliferation, migration, anchorage-independent growth, and tumor progression.

产品性质

别名	MSLN; CAK1; Mesothelin; MPF; MPFSMRP; SMR
Uniprot No.	Q13421.2
表达区间及表达系统	Recombinant Biotinylated Human MSLN/Mesothelin Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Glu296-Gly580.
分子量	Approximately 35.2 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
纯度	> 95% as determined by SDS-PAGE and HPLC.
活性	ELISA Data: Immobilized Biotinylated Human MSLN at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-MSLN Antibody, hFc Tag with the EC50 of 20.3ng/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 (pH 7.4). 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 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

运输与保存方法

冰袋运输。-20°C至-80°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。

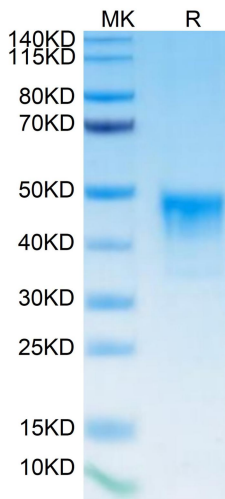
建议第一次使用时分装冻存，避免反复冻融。

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！

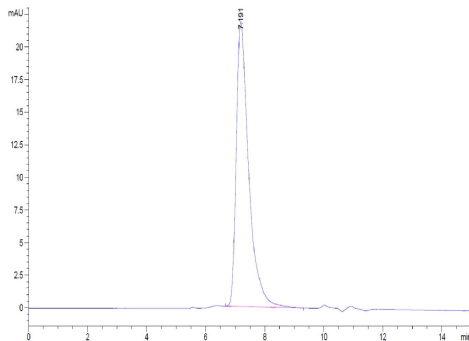
产品数据

Tris-Bis PAGE



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

SEC-HPLC

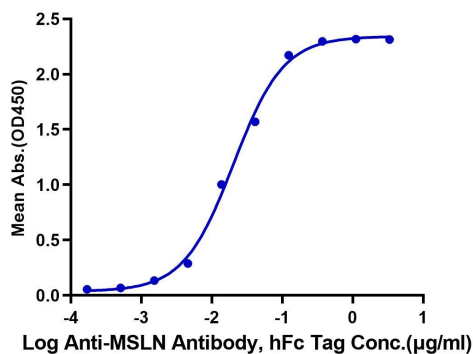


The purity of Biotinylated Human MSLN was greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human MSLN, His Tag ELISA

0.05 μ g Biotinylated Human MSLN, His Tag Per Well



Immobilized Biotinylated Human MSLN at 0.5 μ g/ml (100 μ l/well) on the plate. Dose response curve for Anti-MSLN Antibody, hFc Tag with the EC50 of 20.3ng/ml determined by ELISA.