

Recombinant Mouse R spondin 1/RSP01 Protein,His Tag (HEK293) 重组小鼠 RSP01 蛋白

产品信息

产品名称	产品编号	规格
Recombinant Mouse R spondin 1/RSP01 Protein,His Tag (HEK293) 重组小鼠 RSP01 蛋白	92295ES25	25 µg
	92295ES60	100 µg
	92295ES76	500 µg

产品描述

R-Spondin-1 (Rspo-1) 属于 Wnt 调节剂的 (Rspo) 家族。目前, 该家族由四个结构相关的分泌配体 (Rspo 1-4) 组成, 所有配体都含有弗林样结构域和血小板反应蛋白结构域。Rspo-1 在发育中的中枢神经系统的某些区域以及肾上腺、卵巢、睾丸、甲状腺和气管中表达。Rspo 可以以刺激 Wnt/ β -catenin 信号通路的方式与 Frizzled/LRP6 受体复合物相互作用。随着类器官领域的扩大, R-Spondin 1 被广泛用于类器官细胞培养中, 作为促进 3D 类器官生长和存活的重要成分。

R-性能参数

蛋白别名 (Synonyms)	R-spondin-1; RSP01; CRISTIN3; FLJ40906; RP11-566C13.1; RSP0; R-Spondin1
种属 (Species)	Mouse
表达系统 (Source)	HEK293
表达序列 (Sequence)	Ser21-Gln265
Accession	Q9Z132
标签 (Tag)	C-His
分子量 (Molecular Weight)	The protein has a predicted MW of 28.3 kDa. Due to glycosylation, the protein migrates to 45-48 kDa based on Bis-Tris PAGE result.
内毒素 (Endotoxin)	< 1 EU/ μ g by the LAL method.
纯度 (Purity)	> 95% as determined by Bis-Tris PAGE
活性 (Activity)	<p>ELISA Data: Immobilized Mouse R spondin 1, His Tag at 5μg/ml (100μl/Well) on the plate. Dose response curve for Mouse RNF43, hFc Tag with the EC50 of 0.11μg/ml determined by ELISA.</p> <p>Cell Based Assay: Measured by its ability to induce Topflash reporter activity in HEK293T human embryonic kidney cells. The ED50 for this effect is 4 - 20 ng/mL in the presence of 5 ng/mL recombinant Human Wnt3a .</p>

制剂 (Formulation)	Lyophilized from 0.22 μ m filtered solution in 20mM MES, 150mM NaCl, 200mM Arginine (pH 5.5). Normally 8% trehalose / 8% mannitol is added as protectant before lyophilization.
外观 (Appearance)	冻干粉

储存条件

-25~-15°C保存, 收到货之后有效期1年。复溶后, 2~8 °C 保存, 7天有效期。复溶后, -85~-65°C保存, 3个月有效期。

复溶方法

开盖之前, 先离心。建议复溶至浓度超过 100 μ g/ml。将冻干的蛋白质溶解在 20mM MES, 150mM NaCl, 200mM Arginine (pH 5.5)。

注意事项

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