

## Recombinant Mouse RSPO1 Protein

### 产品信息

产品名称	产品编号	规格
Recombinant Mouse RSPO1 Protein	92277ES08	5 µg
	92277ES50	50 µg
	92277ES80	1mg

### 产品简介

R-Spondin 1 (RSPO1, Roof plate-specific Spondin 1), also known as cysteine-rich and single thrombospondin domain containing protein 3. Interest in R-Spondin 1 as a cell culture supplement has grown with the expansion of the organoid field. R-Spondin 1 is widely used in organoid cell culture workflows as a vital component that promotes both growth and survival of 3D organoids .

### 性能参数

<b>Synonyms</b>	R-Spondin 1;Roof Plate-specific Spondin 1; Cristin3; R-spondin-1
<b>Source</b>	Expressed in E. coli.
<b>Molecular Weight</b>	Approximately 20.9kDa, a single non-glycosylated polypeptide chain containing 189 amino acid
<b>Accession</b>	Q9Z132: Ser21-Gly209
<b>Biological Activity</b>	Fully biologically active when compared to standard. Measured by its ability to induce Topflash reporter activity in HEK293T human embryonic kidney cells. The typical ED <sub>50</sub> is 50-200 ng/mL in the presence of 5ng/mL recombinant mouse Wnt-3a.
<b>Purity</b>	> 96% by SDS-PAGE.
<b>Endotoxin</b>	<0.01EU/µg protein as determined by LAL method.
<b>Formulation</b>	Lyophilized from a 0.2µm filtered solution in 20mM PB, 150mM NaCl, pH 7.4.
<b>Reconstitution</b>	<p><b>Before use this product, please read the direction below carefully.</b></p> <p>1.This vial must be briefly centrifuged prior to opening to bring the contents to the bottom.</p> <p>2.Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/ml.</p> <p>Stock solutions should be apportioned into working aliquots and stored at ≤-20°C. Further dilutions should be made in appropriate buffered solutions.aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.</p>

### 储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

1 month, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

#### **注意事项**

1.Please operate with lab coats and disposable gloves,for your safety.

2.This product is for research use only.