

## Active Recombinant Human RSPO1 protein, His-tagged

Cat. No. RSPO1-1029H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RSPO1 protein(Ser 21 - Ala 146), fused to His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ser 21 - Ala 146
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	Immobilized Human R-Spondin 1 (21-146), His Tag at 5 µg/mL (100 µL/well) can bind Human RNF43, Fc Tag with a linear range of 0.01-0.156 µg/mL.
<b>Molecular Mass</b>	14.6 kDa
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	RSPO1 R-spondin 1 [ Homo sapiens ]
<b>Official Symbol</b>	RSPO1
<b>Synonyms</b>	RSPO1; R-spondin 1; R spondin homolog (Xenopus laevis); R-spondin-1; FLJ40906; RSPONDIN; R-spondin homolog; roof plate-specific spondin-1; RSPO; CRISTIN3; RP11-566C13.1;
<b>Gene ID</b>	284654
<b>mRNA Refseq</b>	NM_001038633
<b>Protein Refseq</b>	NP_001033722
<b>MIM</b>	609595
<b>UniProt ID</b>	Q2MKA7

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