

Active Recombinant Human RSPO1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human RSPO1 protein(Ser 21 - Ala 146), fused to His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser 21 - Ala 146
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	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.
Molecular Mass	14.6 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	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.
Reconstitution	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

Gene Name	RSPO1 R-spondin 1 [Homo sapiens]
Official Symbol	RSPO1
Synonyms	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;
Gene ID	284654
mRNA Refseq	NM_001038633
Protein Refseq	NP_001033722
MIM	609595
UniProt ID	Q2MKA7

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