

## Active Recombinant Human RNF43 protein, Fc-tagged

Cat. No. RNF43-0655H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RNF43 protein(Gln44-Tyr197), fused with Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	44-197 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human R-Spondin 1, His Tag at 5 µg/mL (100 µL/well) can bind Human RNF43, Fc Tag with a linear range of 2-20 ng/mL. Immobilized Human R-Spondin 3 (22-146), His Tag at 5 µg/mL (100 µL/well) can bind Human RNF43, Fc Tag with a linear range of 0.3-2 ng/mL. 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>	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 43.5 kDa. The protein migrates as 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Gln44-Tyr197

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<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>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	RNF43 ring finger protein 43 [ Homo sapiens ]
<b>Official Symbol</b>	RNF43
<b>Synonyms</b>	URCC; RNF124
<b>Gene ID</b>	54894
<b>mRNA Refseq</b>	NM_017763.4
<b>Protein Refseq</b>	NP_060233.3
<b>MIM</b>	612482
<b>UniProt ID</b>	Q68DV7

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