

Active Recombinant Human RNF43 protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human RNF43 protein(Gln44-Tyr197), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	44-197 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Gln44-Tyr197

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

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