

Active Recombinant Human RNF43 protein, hFc-tagged

Cat. No. RNF43-767H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNF43 protein(NP_060233.3)(Met1-Tyr197), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Tyr197
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human RSPO3 His (Cat:11185-H08H1) at 2 µg/ml (100 µl/well) can bind Human RNF43 hFc (Cat:16108-H02H), the EC50 of Human RNF43 hFc is 3.0-12.0 ng/mL
Molecular Mass	The recombinant human RNF43/Fc comprises 412 amino acids and has a predicted molecular mass of 45.8 kDa. The apparent molecular mass of the protein is approximately 52 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. 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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