

## Active Recombinant Human ZNRF3 protein, His-tagged

Cat. No. ZNRF3-2111H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ZNRF3 protein(Lys 56 - Met 219), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Lys 56 - Met 219
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
<b>Bio-activity</b>	Loaded Human ZNRF3, His Tag on HISIK Biosensor, can bind Human R-Spondin 3 Protein, Fc Tag with an affinity constant of 16.05 nM as determined in BLI assay (ForteBio Octet Red96e). Loaded Human R-Spondin 3 Protein, Fc Tag on Protein A Biosensor, can bind Human ZNRF3, His Tag with an affinity constant of 10.9 nM as determined in BLI assay (ForteBio Octet Red96e).
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 19.7 kDa. The protein migrates as 22-25 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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**Storage**

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** ZNRF3 zinc and ring finger 3 [ Homo sapiens ]

**Official Symbol** ZNRF3

**Synonyms** RNF203; BK747E2.3

**Gene ID** 84133

**mRNA Refseq** NM\_032173.3

**Protein Refseq** NP\_115549.2

**MIM** 612062

**UniProt ID** Q9ULT6

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