Active Recombinant Human RSPO3 protein, Fc-tagged

Cat. No. RSPO3-0654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RSPO3 protein(Gln22-His272), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-272 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human R-Spondin 3 Protein, Fc Tag at 5 μg/mL (100 μL/well) can bind Human LGR4, His Tag with a linear range of 0.02-0.625 μg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 54.9 kDa. The protein migrates as 55-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln22-His272
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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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	RSPO3 R-spondin 3 [Homo sapiens]
Official Symbol	RSPO3
Synonyms	RSPO3; R-spondin 3; R spondin 3 homolog (Xenopus laevis) , thrombospondin, type I, domain containing 2 , THSD2; R-spondin-3; FLJ14440; R-spondin 3 homolog; roof plate-specific spondin-3; protein with TSP type-1 repeat; thrombospondin, type I, domain containing 2; thrombospondin type-1 domain-containing protein 2; PWTSR; THSD2; CRISTIN1;
Gene ID	84870
mRNA Refseq	NM_032784
Protein Refseq	NP_116173
MIM	610574
UniProt ID	Q9BXY4

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