Recombinant Human RSPO3 protein, For Organoid Culture

Cat. No. RSPO3-2866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RSPO3 protein(Q9BXY4)(Gln22-His272) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln22-His272
Tag	Non
Form	Lyophilized from sterile PBS, pH 7.4, 3% trehalose.
Bio-activity	Measured by its ability to induce Topflash reporter activity in HEK293 reporter cells. The ED50 for this effect is 0.5-5.0ng/mL in the presence of 20 ng/mL Recombinant Wnt Surrogate Fc Chimera Protein.
Molecular Mass	28.3 kDa (monomer)
Endotoxin	<0.10 EU/μg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE under reducing conditions.
Storage	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below: To the date of expiration, -20°C to -80°C as

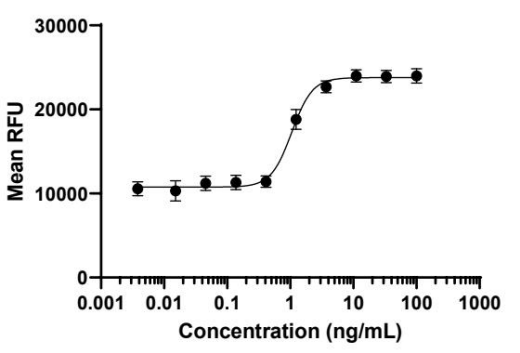
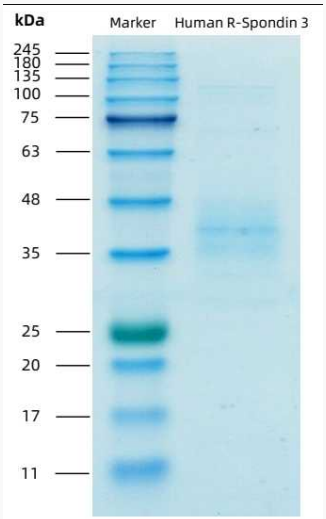
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	supplied. 3 months, -20°C to -80°C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to 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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Activity	
SDS-PAGE	

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