Active Recombinant Human RSPO1 protein, His-tagged, Low Endotoxin

Cat. No. RSPO1-5732H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RSPO1 protein(Q2MKA7)(Arg31-Ala263), fused with C-terminal His tag, was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	31-263 aa
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human R spondin 1, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-R spondin 1 Antibody, hFc Tag with the EC50 of 2.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 27.3 kDa. Due to glycosylation, the protein migrates to 38-42 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

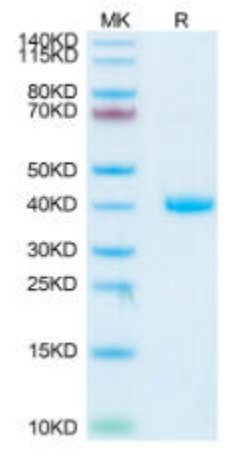
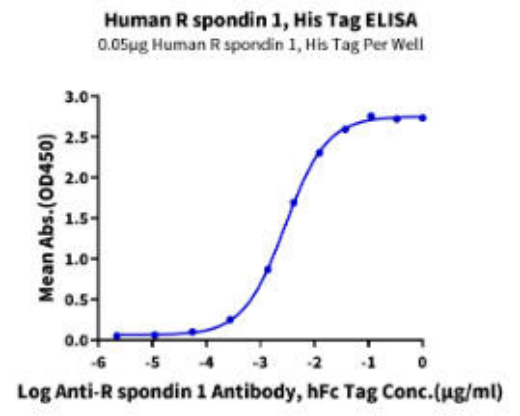
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	months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	RSPO1 R-spondin 1 [Homo sapiens]
Official Symbol	RSPO1
Synonyms	RSPO1; R-spondin 1; R spondin homolog (Xenopus laevis); R-spondin-1; FLJ40906; RSPONDIN; R-spondin homolog; roof plate-specific spondin-1; RSPO; CRISTIN3; RP11-566C13.1;
Gene ID	284654
mRNA Refseq	NM_001038633
Protein Refseq	NP_001033722
MIM	609595
UniProt ID	Q2MKA7

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Bis-Tris PAGE	
ELISA Data	

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