

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

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

SPECIFICATION

Product Overview	Active Recombinant Human RSPO1 Protein(Q2MKA7)(Arg31-Ala263) is expressed from CHO with His tag at the C-Terminus.
Species	Human
Source	CHO
ProteinLength	31-263 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
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	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

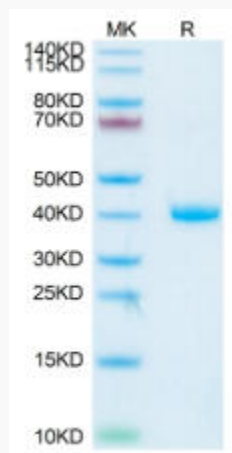
UniProt ID [Q2MKA7](#)

 Tel: 1-631-559-9269 1-516-512-3133

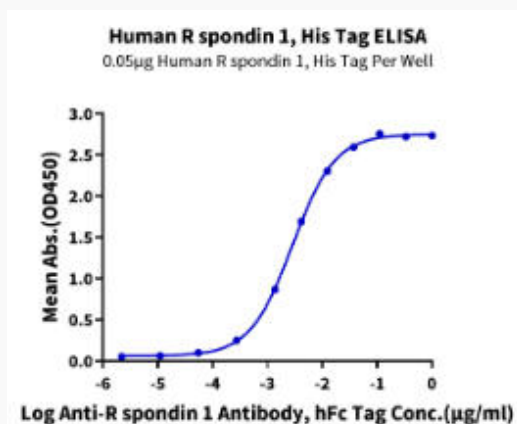
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Bis-Tris PAGE



ELISA Data



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA