

Active Recombinant Human RSPO2 Protein(186 Leu/Pro), Fc-tagged

Cat. No. RSPO2-480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human RSPO2 Protein(Q6UXX9-1) (Met 1-Gly 205, 186 Leu/Pro) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-205 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to induce activation of catenin response in a Topflash Luciferase assay using HEK293T human embryonic kidney cells. The ED50 for this effect is typically 10-60 ng/mL in the presence of 5 ng/mL recombinant mouse Wnt3a.
Molecular Mass	The secreted recombinant human RSPO2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 425 amino acids and has a predicted molecular mass of 48.3 kDa. The apparent molecular mass of rh RSPO2/Fc monomer is approximately 50 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. 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 [RSPO2 R-spondin 2 \[Homo sapiens \]](#)

Official Symbol [RSPO2](#)

Synonyms RSPO2; R-spondin 2; R spondin 2 homolog (Xenopus laevis); R-spondin-2; MGC35555; R-spondin 2 homolog; roof plate-specific spondin-2; CRISTIN2; MGC43342;

Gene ID [340419](#)

mRNA Refseq [NM_178565](#)

Protein Refseq [NP_848660](#)

MIM [610575](#)

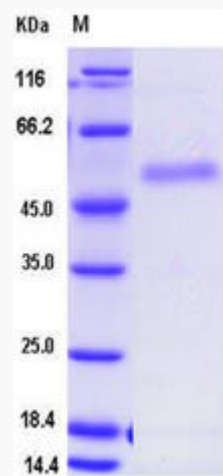
UniProt ID [Q6UXX9](#)

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SDS-PAGE



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