

## Active Recombinant Mouse Rspo2

**Cat. No.** Rspo2-850M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Rspo2 (Accession # NP_766403) Met1-Gly205, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Met1-Gly205
<b>Predicted N Terminal</b>	Predicted Gln22, not observed that sequencing might be blocked & Ala32
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to induce Topflash reporter activity in HEK293T human embryonic kidney cells.The ED50 for this effect is typically 0.4-2.4 ng/mL in the presence of 5 ng/mL Recombinant Mouse Wnt-3a.
<b>Molecular Mass</b>	Recombinant Mouse Rspo2 has a calculated MW of 21 kDa & 20 kDa. In SDS-PAGE migrates as 26-27 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Reconstitution** Reconstitute at 100 g/mL in sterile PBS.

## GENE INFORMATION

**Gene Name** [Rspo2 R-spondin 2 homolog \(Xenopus laevis\) \[ Mus musculus \]](#)

**Official Symbol** [Rspo2](#)

**Synonyms** RSPO2; R-spondin 2 homolog (Xenopus laevis); R-spondin-2; cristin-2; mCristin-2; roof plate-specific spondin-2; cysteine-rich and single thrombospondin domain-containing protein 2; ftls; AA673245; D430027K22; 2610028F08Rik;

**Gene ID** [239405](#)

**mRNA Refseq** [NM\\_172815](#)

**Protein Refseq** [NP\\_766403](#)

**MIM**

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