

Active Recombinant Mouse Rspo2

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

SPECIFICATION

Product Overview	Recombinant Mouse Rspo2 (Accession # NP_766403) Met1-Gly205, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Met1-Gly205
Predicted N Terminal	Predicted Gln22, not observed that sequencing might be blocked & Ala32
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Rspo2 has a calculated MW of 21 kDa & 20 kDa. In SDS-PAGE migrates as 26-27 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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).

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Reconstitution Reconstitute at 100 µg/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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