

Active Recombinant Mouse Rspo1

Cat. No. Rspo1-816M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Rspo1 (Accession # NP_619624) Met1-Gln265, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Met1-Gln265
Predicted N Terminal	Ser21
Form	Lyophilized from a 0.2 µ 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 typical ED50 is 8-40 ng/mL in the presence of 5 ng/mL Recombinant Mouse Wnt-3a.
Molecular Mass	Recombinant Mouse Rspo1 has a calculated MW of 27 kDa. In SDS-PAGE migrates as 40-43 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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GENE INFORMATION

Gene Name	Rspo1 R-spondin homolog (Xenopus laevis) [Mus musculus]
Official Symbol	Rspo1
Synonyms	RSPO1; R-spondin homolog (Xenopus laevis); R-spondin-1; cristin-3; mCristin-3; roof plate-specific spondin-1; thrombospondin type 1 domain containing gene Rspodin; cysteine-rich and single thrombospondin domain-containing protein 3; Rspodin; R-spondin;
Gene ID	192199
mRNA Refseq	NM_138683
Protein Refseq	NP_619624
MIM	

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