

# Recombinant Mouse RSPO2 Protein (Met1-Gly205)

## Product Information

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<b>Cat</b>	IMP-9871
<b>Official Symbol</b>	Rspo2
<b>Product Overview</b>	Recombinant Mouse R-Spondin 2 protein (Met1-Gly205) without tag was expressed in Chinese Hamster Ovary cell line.
<b>Description</b>	This gene encodes a member of the R-spondin family of proteins. These proteins are secreted ligands of leucine-rich repeat containing G protein-coupled receptors that enhance Wnt signaling through the inhibition of ubiquitin E3 ligases. A chromosomal translocation including this locus that results in the formation of a gene fusion has been identified in multiple human cancers. Alternative splicing results in multiple transcript variants.
<b>Expression System</b>	CHO
<b>Species</b>	Mouse
<b>Tag</b>	Tag Free
<b>Predicted N Terminal</b>	Predicted Gln22, not observed that sequencing might be blocked&Ala32
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Molecular Mass</b>	Predicted Molecular Mass: 21 kDa & 20 kDa SDS-PAGE: 26-27 kDa, reducing conditions
<b>Protein length</b>	Met1-Gly205
<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>Endotoxin</b>	
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in PBS containing at least 0.1% human or bovine serum albumin.