Recombinant Mouse RSPO1 protein, Flag-tagged, For Organoid Culture

Cat. No. RSPO1-4343M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse RSPO1 protein(NP_619624.2)(Ser21-Gln265) is expressed in HEK293 with a Flag tag at C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Ser21-Gln265
Tag	C-Flag
Form	Supplied as a 0.2 μm filtered solution of PBS, pH7.4.
Bio-activity	Measured by its ability to induce Topflash reporter activity in HEK293T human embryonic kidney cells. The typical ED50 is 81.53ng/mL in the presence of 5 ng/mL Recombinant Human Wnt3a V3.
Molecular Mass	28.1 KDa
Endotoxin	< 1 EU/μg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.

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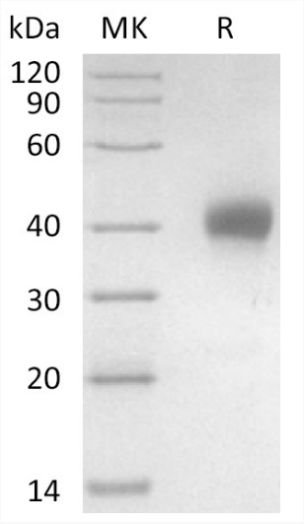
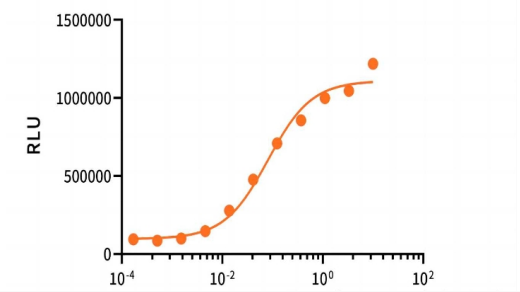
	Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
SDS-PAGE	
Cell Based Assay	

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