

Active Recombinant Mouse Rspo1 protein(Met1-Gln265), His-tagged

Cat. No. Rspo1-8672M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Rspo1 protein(NP_619624.2)(Met1-Gln265), fused with C-terminal His tag, was expressed in CHO.
Species	Mouse
Source	CHO
ProteinLength	Met1-Gln265
similar	Rspo1
Alias	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;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The secreted recombinant mouse RSPO1 comprises 256 amino acids with a

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	predicted molecular mass of 28.5 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 44 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Rspo1 R-spondin homolog (Xenopus laevis) [Mus musculus]
GeneNameWeblink	192199
OfficialSymbol	Rspo1
OfficialSymbolWeblink	192199
GenelD	192199
GenelDWeblink	192199
mRNARefseq	NM_138683
mRNARefseqWeblink	NM_138683.2

ProteinRefseqWeblink	NP_619624.2
MIMWeblink	
UniProtID	
UniProtIDWeblink	

GENE INFORMATION

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 R-spondin; cysteine-rich and single thrombospondin domain-containing protein 3; R-spondin; R-spondin;
MIM	

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