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Datasheet for ABIN7454205

## R-Spondin 3 Protein (RSPO3) (AA 22-146) (His tag)

### Overview

Quantity:	100 µg
Target:	R-Spondin 3 (RSPO3)
Protein Characteristics:	AA 22-146
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This R-Spondin 3 protein is labelled with His tag.

### Product Details

Purpose:	Human R spondin 3/RSPO3 Protein
Sequence:	Gln22-Val146
Characteristics:	Recombinant Human R spondin 3/RSPO3 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Gln22-Val146.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human R-Spondin 3, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human RNF43, hFc Tag with the EC50 of 16.1ng/ml determined by ELISA (QC Test). The affinity constant of 0.59 nM as determined in SPR assay (Biacore T200). See testing image for detail.

## Target Details

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Target:	R-Spondin 3 (RSPO3)
Alternative Name:	R spondin 3 ( <a href="#">RSPO3 Products</a> )
Background:	The R-spondins are members of a superfamily of thrombospondin type 1 repeat (TSR-1)-containing proteins. The prototype member (discovered in 1971) was isolated from platelets that had been stimulated with thrombin, and was therefore designated 'thrombin-sensitive protein.
Molecular Weight:	14.95 kDa. Due to glycosylation, the protein migrates to 20-35 kDa based on Tris-Bis PAGE result.

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months