

Datasheet for ABIN7275538

**RSP01 Protein (AA 21-265) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	RSP01
Protein Characteristics:	AA 21-265
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSP01 protein is labelled with His tag.

## Product Details

Purpose:	Mouse R spondin 1/RSP01 Protein
Sequence:	Ser21-Gln265
Characteristics:	Recombinant Mouse R spondin 1/RSP01 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser21-Gln265.
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 Mouse R spondin 1, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Mouse RNF43, hFc Tag with the EC50 of 0.21µg/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	RSP01
Alternative Name:	R spondin 1 ( <a href="#">RSP01 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:	28.3 kDa. Due to glycosylation, the protein migrates to 45-48 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q9Z132</a>

## Application Details

Restrictions:	For Research Use only
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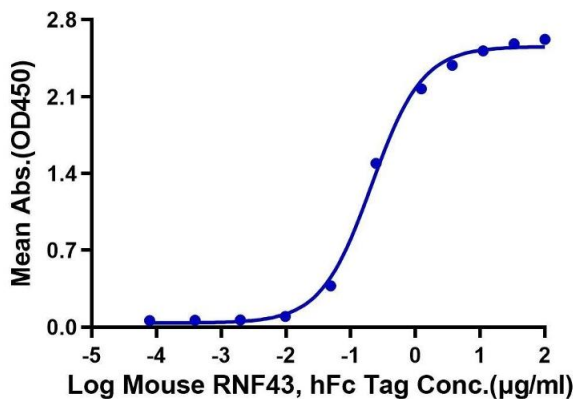
## Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM MES, 150 mM NaCl, 200 mM Arginine ( pH 5.5).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

## Images

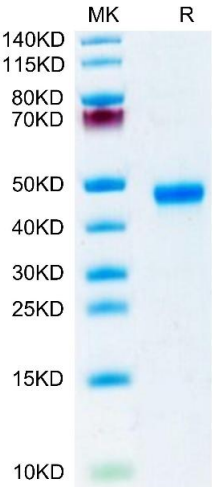
### Mouse R spondin 1, His Tag ELISA

0.2µg Mouse R spondin 1, His Tag Per Well



### ELISA

**Image 1.** Immobilized Mouse R spondin 1, His Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Mouse RNF43, hFc Tag with the EC50 of 0.21 µg/mL determined by ELISA.



SDS-PAGE

**Image 2.** Mouse R spondin 1/RSP01 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .