

Datasheet for ABIN7455531

## RSP01 Protein (AA 21-263) (His tag)



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### 1 Image

#### Overview

Quantity:	10 µg
Target:	RSP01
Protein Characteristics:	AA 21-263
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSP01 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant human RSP01(21-263) protein with C-terminal 6xHis tag
Specificity:	RSP01 (21-263) (Ser21-Ala263) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	RSP01
Alternative Name:	RSP01 ( <a href="#">RSP01 Products</a> )
Background:	This gene encodes a secreted activator protein with two cysteine-rich, furin-like domains and

## Target Details

one thrombospondin type 1 domain. The encoded protein is a ligand for leucine-rich repeat-containing G-protein coupled receptors (LGR proteins) and positively regulates the Wnt signaling pathway. In mice, the protein induces the rapid onset of crypt cell proliferation and increases intestinal epithelial healing, providing a protective effect against chemotherapy-induced adverse effects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

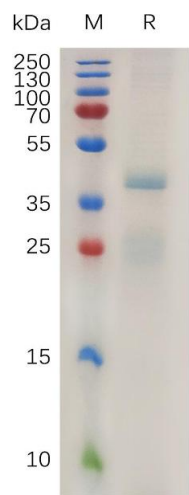
Molecular Weight:	predicted molecular mass of 27.6 kDa after removal of the signal peptide. The apparent molecular mass of RSP01(21-263)-His is 35-55 kDa due to glycosylation.
UniProt:	<a href="#">Q2MKA7</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Human R(21-263) Protein, His Tag on SDS-PAGE under reducing condition.