

### Datasheet for ABIN7455532

# RSP01 Protein (AA 21-146) (Fc Tag)

# 1 Image



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Quantity:	10 μg	
Target:	RSP01	
Protein Characteristics:	AA 21-146	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	/ Conjugate: This RSP01 protein is labelled with Fc Tag.	

## **Product Details**

Purpose:	Recombinant human RSP01(21-146) protein with C-terminal human Fc tag	
Specificity:	RSP01 (21-146) (Ser21-Ala146) hFc (Glu99-Ala330)	
Characteristics:	Extracellular Domain Protein	
Purification:	Purified from cell culture supernatant by affinity chromatography	
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.	

#### **Target Details**

Target:	RSP01	
Alternative Name:	RSP01 (RSP01 Products)	
Background:	und: 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]
predicted molecular mass of 39.9 kDa after removal of the signal peptide. The apparent
molecular mass of RSP01(21-146)-hFc is 35-55 kDa due to glycosylation.
Q2MKA7

# Application Details

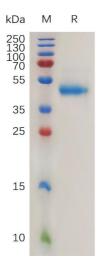
Molecular Weight:

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## Handling

UniProt:

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(21-146) Protein, hFc Tag on SDS-PAGE under reducing condition.