

Datasheet for ABIN7092823

R-Spondin 3 Protein (RSP03) (AA 22-146) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	R-Spondin 3 (RSP03)
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 Fc Tag.

Product Details

Purpose:	Recombinant human RSP03(22-146) protein with C-terminal human Fc tag
Specificity:	RSP03 (22-146) (Ser19-Glu351) 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:	R-Spondin 3 (RSP03)
Alternative Name:	RSP03 (RSP03 Products)
Background:	This gene belongs to the R-spondin family. The encoded protein plays a role in the regulation of

Target Details

Wnt (wingless-type MMTV integration site family)/beta-catenin and Wnt/planar cell polarity (PCP) signaling pathways, which are involved in development, cell growth and disease pathogenesis. Genome-wide association studies suggest a correlation of this gene with bone mineral density and risk of fracture. This gene may be involved in tumor development. [provided by RefSeq, Jul 2013]

Molecular Weight: predicted molecular mass of 38.6 kDa after removal of the signal peptide. The apparent molecular mass of RSP03(22-146)-hFc is 35-55 kDa due to glycosylation.

UniProt: [Q9BXY4](#)

Application Details

Restrictions: For Research Use only

Handling

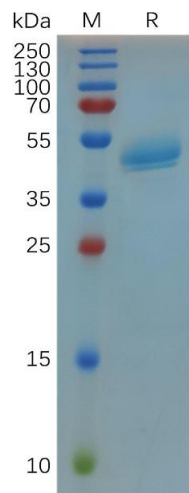
Format: Lyophilized

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(22-146) Protein, hFc Tag on SDS-PAGE under reducing condition.