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Datasheet for ABIN7319329

R-Spondin 3 Protein (RSPO3) (His tag,Fc Tag)

Overview

Quantity:	50 µg
Target:	R-Spondin 3 (RSPO3)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This R-Spondin 3 protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Human RSPO3 Protein (Fc & His Tag)
Sequence:	Gln22-His272
Characteristics:	Recombinant Human R-spondin-3 is produced by our Mammalian expression system and the target gene encoding Gln22-His272 is expressed with a Fc, 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	R-Spondin 3 (RSPO3)
Alternative Name:	RSPO3 (RSPO3 Products)
Background:	Background: R-spondin-3 (RSPO3), also known as Protein with TSP type-1 repeat, Roof plate-specific spondin-3, Thrombospondin type-1 domain-containing protein 2, PWTSR, THSD2 and CRISTIN1, is a member of the thrombospondin type 1 repeat supergene family. RSPO3 is a

Target Details

secreted protein and widely expressed in many tissues. RSPO3 contains two Furin-like repeats which have been found in a variety of eukaryotic proteins involved in the mechanism of signal transduction by receptor tyrosine kinases, and one TSP type-1 domain, RSPO3 functions as an activator of the beta-catenin signaling cascade, leading to TCF-dependent gene activation.

Otherwise, RSPO3 may negatively regulate the TGF-beta pathway.

Synonym: R-spondin-3,RSPO3,Protein with TSP type-1 repeat, Roof plate-specific spondin-3, Thrombospondin type-1 domain-containing protein 2, PWTSR, THSD2, CRISTIN1

Molecular Weight: 56.3 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.