

HuPro®

# RSPO1 (Human) Recombinant Protein

Catalog # P7583

Size 10 ug

## Specification

<b>Product Description</b>	Human RSPO1 (Q2MKA7, 21 a.a. - 263 a.a.) partial recombinant protein with His tag at C-terminus expressed in Human cells.
<b>Sequence</b>	SRGIK GKRRISAEGSQACAKGCELCSEVNGCLKCSPKLFILLERNDIRQVGVCPLPSCPPGYFD ARNPDMNKCICKIEHCEACFSHNFCTKCKEGLYLHKGRCYPACPEGSSAANGTMECSPAQC EMSEWSPWGPCSKKQQLCGFRRGSEERTRRVLHAPVGDHAACSDTKETRRCTVRRVPCPEG QKRRKGGQGRRENANRNLARKESKEAGAGSRRRKGGQQQQQQGTVGPLTSAGPA
<b>Host</b>	Human
<b>Theoretical MW (kDa)</b>	35
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Mammalian cell (HEK293) expression system
<b>Purity</b>	> 95% by SDS-PAGE
<b>Endotoxin Level</b>	< 1 EU per 1 ug of protein (determined by LAL method)
<b>Storage Buffer</b>	Lyophilized from sterile distilled Water up to 100 ug/mL
<b>Storage Instruction</b>	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — RSPO1

Entrez GeneID	<a href="#">284654</a>
Protein Accession#	<a href="#">Q2MKA7</a>
Gene Name	RSPO1
Gene Alias	CRISTIN3, FLJ40906, RSPO
Gene Description	R-spondin homolog (Xenopus laevis)
Omim ID	<a href="#">609595</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene is a member of the R-spondin family and encodes a secreted activator protein with two cystein-rich, furin-like domains and one thrombospondin type 1 domain. 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. [provided by RefSeq]
Other Designations	OTTHUMP00000180612 OTTHUMP00000180613 R-spondin1 roof plate-specific spondin