

Full-Length

RSPO1 (Human) Recombinant Protein (P01)

Catalog # H00284654-P01

Size 50 ug

Specification

Product Description	Human RSPO1 full-length ORF (BAC05263.1, 1 a.a. - 236 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MIFRVSAEGSQACAKGCELCSEVNGCLKCSPKLFILLERNDIRQVGVCLPSCPPGYFDARNPDM NKCICKCKIEHCEACFSHNFKCKEGLYHKGRGYPACPEGSSAANGTMECSSPAQCEVSEWS PWGPCSCKKQQLCGFRRGSEERTRRVLHAPVGDHAACSDTKETRRTVRRVPCPEGQKRRKGG QGRRENANRNLARKESKEAGAGSRRRGQQQQQQGGTVGPLTSAGPA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.3
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RSPO1

Entrez GeneID [284654](#)**GeneBank Accession#** [AK098225.1](#)**Protein Accession#** [BAC05263.1](#)**Gene Name** RSPO1**Gene Alias** CRISTIN3, FLJ40906, RSPO**Gene Description** R-spondin homolog (Xenopus laevis)**Omim ID** [609595](#)**Gene Ontology** [Hyperlink](#)

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