

Full-Length

## RSPO4 (Human) Recombinant Protein (P01)

Catalog # H00343637-P01

Size 50 ug

### Specification

<b>Product Description</b>	Human RSPO4 full-length ORF (1 a.a. - 234 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MRAPLCLLLLVAHAVDMLALNRRKKQVGTGLGGNCTGCICSEENGCSCTCQQRLFLFIRREGIRQY GKCLHDCPPGYFGIRGQEVNRCKKCGATCESCFSDFCIRCKRQFYLYGKCLPTCPPGTLAHQ NTRECQGECELGPWGGWSPCTHNGKTCGSAWGLESRVREAGRAGHEEAATCQVLSESRKCPI QRPCPGERSPGQKKGRKDRRPRKDRKLDRLDVRPRQPLQP
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	52.6
<b>Interspecies Antigen Sequence</b>	Mouse (85); Rat (85)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — RSPO4

**Entrez GeneID** [343637](#)**GeneBank Accession#** [AK122609.1](#)**Gene Name** RSPO4**Gene Alias** C20orf182, CRISTIN4, FLJ16018, dJ824F16.3**Gene Description** R-spondin family, member 4**Omim ID** [206800 610573](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a member of the R-spondin family of proteins that share a common domain organization consisting of a signal peptide, cysteine-rich/furin-like domain, thrombospondin domain and a C-terminal basic region. The encoded protein may be involved in activation of Wnt/beta-catenin signaling pathways. Mutations in this gene are associated with anonychia congenital. Alternate splicing results in multiple transcript variants

**Other Designations** OTTHUMP00000029946|OTTHUMP00000038949