

## Recombinant Human RSPO3 Protein

Catalog #	Source	Reactivity	Applications
CRP2223	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human RSPO3 Protein 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.
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.
<b>Gene Symbol</b>	RSPO3
<b>Alternative Names</b>	PWTSR; THSD2; R-spondin-3; Protein with TSP type-1 repeat; hPWTSR; Roof plate-specific spondin-3; hRspo3; Thrombospondin type-1 domain-containing protein 2
<b>Entrez Gene</b>	84870 (Human)
<b>SwissProt</b>	Q9BXY4 (Human)
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Chemical Structure</b>	QNASRGRQR RMHPNVSQGC QGGCATCSYD NGCLCKPRL FFALERIGMK QIGVCLSSCP SGYYGTRYPD INKCTKCKAD CDTCFNKNFC TKCKSGFYH LGKCLDNCPE GLEANNHTME CVSIVHCEVS EWNPWSPCTK KGKTCGFKRG TETRVREIIQ HPSAKGNLCP PTNETRKCTV QRKKCQKGER GKKGREKRK KPNKGESKEA IPDSKSLESS KEIPEQRENK QQQKRRKVQD KQKSVSVSTV HVDDIEGRMD EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTP PVLDSGGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNN YTQKSLSLSP GKHHHHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Storage/Stability** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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