

Product datasheet for **AR31176PU-N**

RSPO2 Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RSPO2 human recombinant protein, 20 µg
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	ASYVSNPICK GCLSCSKDNG CSRCQQLFF FLRREGMRQY GECLHSCPSG YGHRAPDMN RCARCRIENC DSCFSKDFCT KCKVGFYLHR GRCFDECPDG FAPLEETMEC VEGCEVGHWS EWGTC SRNNR TCGFKWGLT RTRQIVKKPV KDTILCPTIA ESRRCKMTMR HCPGGKRTPK AKEKRNK KKK RKLIERAQEQ HSVFLATDRA NQ
Predicted MW:	24.4 kDa
Purity:	>95% by SDS-PAGE and HPLC
Buffer:	Presentation State: Purified State: Lyophilized purified protein Stabilizer: None
Bioactivity:	Biological: R-Spondin-2 enhances BMP-2 mediated differentiation of MC3T3-E1 cells.
Preparation:	Lyophilized purified protein
Protein Description:	Recombinant Human R-Spondin-2 is a 24.4 kDa protein consisting of 212 amino acid residues. Due to glycosylation, R-Spondin-2 migrates at an apparent molecular weight of approximately 30.0 kDa by SDS PAGE analysis under reducing conditions.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001269792
Locus ID:	340419
UniProt ID:	Q6UXX9
Cytogenetics:	8q23.1
Synonyms:	CRISTIN2; HHRRD; TETAMS2



[View online »](#)

Summary: This gene encodes a member of the R-spondin family of proteins. These proteins are secreted ligands of leucine-rich repeat containing G protein-coupled receptors that enhance Wnt signaling through the inhibition of ubiquitin E3 ligases. A chromosomal translocation including this locus that results in the formation of a gene fusion has been identified in multiple human cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Protein Families: Secreted Protein