

Product datasheet for **TP723386**

RSPO2 (NM_178565) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human R-spondin 2 homolog (Xenopus laevis) (RSPO2).
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	ASYVSNPICK GCLSCSKDNG CSRCQQLFF FLRREGMRQY GECLHSCPSG YGHRAPDMN RCARCRIENC DSCFSKDFCT KCKVGFYLHR GRCFDECPDG FAPLEETMEC VEGCEVGHWS EWGTCSRNR TCGFKWGLET RTRQIVKKPV KDTILCPTIA ESRRCKMTMR HCPGGKRTPK AKEKRNK KKK RKLIERAQEQ HSVFLATDRA NQ
Tag:	Tag Free
Predicted MW:	24.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	R-Spondin-2 enhances BMP-2 mediated differentiation of MC3T3-E1 cells.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_848660
Locus ID:	340419
UniProt ID:	Q6UXX9 , B3KVP3
RefSeq Size:	2842
Cytogenetics:	8q23.1
RefSeq ORF:	729
Synonyms:	CRISTIN2; HHRRD; TETAMS2



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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