

Product datasheet for **TP762635**

RSPO3 (NM_032784) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human R-spondin 3 homolog (Xenopus laevis) (RSPO3)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of RSPO3
Tag:	N-GST and C-HIS
Predicted MW:	58.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_116173
Locus ID:	84870
UniProt ID:	Q9BXY4
RefSeq Size:	4583
Cytogenetics:	6q22.33
RefSeq ORF:	816
Synonyms:	CRISTIN1; PWTSR; THSD2



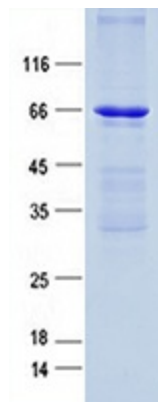
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Summary:

This gene belongs to the R-spondin family. The encoded protein plays a role in the regulation of Wnt (wingless-type MMTV integration site family)/beta-catenin and Wnt/planar cell polarity (PCP) signaling pathways, which are involved in development, cell growth and disease pathogenesis. Genome-wide association studies suggest a correlation of this gene with bone mineral density and risk of fracture. This gene may be involved in tumor development. [provided by RefSeq, Jul 2013]

Protein Families:

Druggable Genome, Secreted Protein

Product images:

Purified recombinant protein RSPO3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.