Product datasheet for TP721065XL

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:	HEK293
Expression cDNA Clone or AA Sequence:	Gln22-His272
Tag:	C-Fc&His
Predicted MW:	56.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
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