

Product datasheet for **TP762382**

RSPO4 (NM_001029871) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human R-spondin family, member 4 (RSPO4), transcript variant 1, Leu20-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Leu20-End) of RSPO4
Tag:	N-His
Predicted MW:	24.1 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_001025042
Locus ID:	343637
UniProt ID:	Q2I0M5
RefSeq Size:	2722
Cytogenetics:	20p13
RefSeq ORF:	702
Synonyms:	C20orf182; CRISTIN4



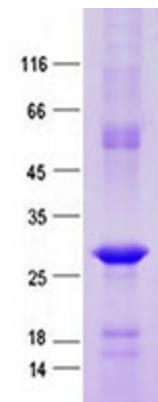
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Summary:

This gene encodes a member of the R-spondin family of proteins that share a common domain organization consisting of a signal peptide, cysteine-rich/furin-like domain, thrombospondin domain and a C-terminal basic region. The encoded protein may be involved in activation of Wnt/beta-catenin signaling pathways. Mutations in this gene are associated with anonychia congenita. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]

Protein Families:

Secreted Protein

Product images:

Purified recombinant protein RSPO4 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.