

Recombinant Full Length Human R spondin 3 Protein, His tagged

Cat. No. RSPO3-423H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human R spondin 3 Protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-272 aa
Description	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.
Tag	C-His
Molecular Mass	29.45kDa
AA Sequence	QNASRGRRRQRRMHPNVSQGCQGGCATCSDYNGCLSCKPRLFFALERIGMKQIGV CLSSCPSGYYGTRYPDINKCTKCKADCDCFNKNFCTKCKSGFYHLHGKCLDNCPE GLEANNHTMECVSIVHCEVSEWNPWSPCTKKGKTCGFKRGTTETRVREIIQHPSAKG NLCPTNETRKCTVQRKKCQKGERGKKGRERKRKPKNGESKEAIPDSKSLESKE

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IPEQRENKQQQKKRKVQDKQKSVSVSTVHHHHHHHHH

Endotoxin < 1 EU/μg by LAL

Purity ≥ 95% by SDS-PAGE

Storage Store it at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Stable for at least 1 year from receipt of products under proper storage and handling conditions

Storage Buffer PBS (pH 7.4), 5% trehalose

Concentration 1 mg/mL

GENE INFORMATION

Gene Name [RSPO3 R-spondin 3 \[Homo sapiens \(human\) \]](#)

Official Symbol [RSPO3](#)

Synonyms RSPO3; R-spondin 3; PWTSR; THSD2; CRISTIN1; R-spondin-3 R-spondin 3 homolog protein with TSP type-1 repeat roof plate-specific spondin-3 thrombospondin type-1 domain-containing protein 2 thrombospondin, type I, domain containing 2

Gene ID [84870](#)

mRNA Refseq [NM_032784](#)

Protein Refseq [NP_116173](#)

MIM [610574](#)

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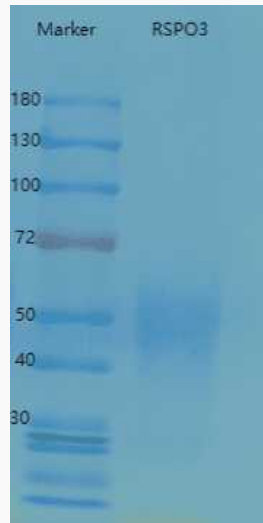
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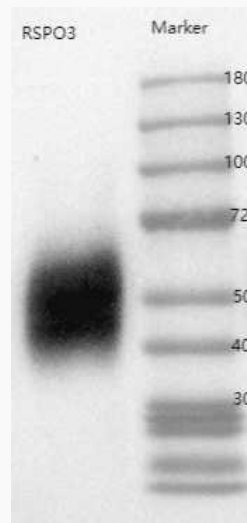
UniProt ID

Q9BXY4

SDS-PAGE



WB



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