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	QNASRGRRQRRMHPNVSQGCQGGCATCSDYNGCLSCKPRLFFALERIGMKQIGV CLSSCPSGYYGTRYPDINKCTKCKADCDTCFNKNFCTKCKSGFYLHLGKCLDNCPE GLEANNHTMECVSIVHCEVSEWNPWSPCTKKGKTCGFKRGTETRVREIIQHPSAKG NLCPPTNETRKCTVQRKKCQKGERGKKGRERKRKKPNKGESKEAIPDSKSLESSKE

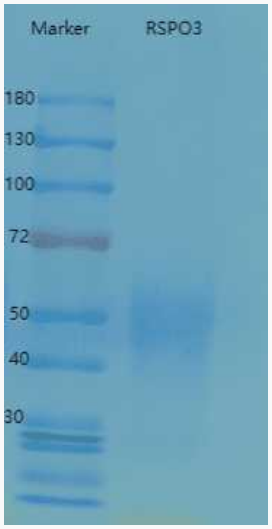
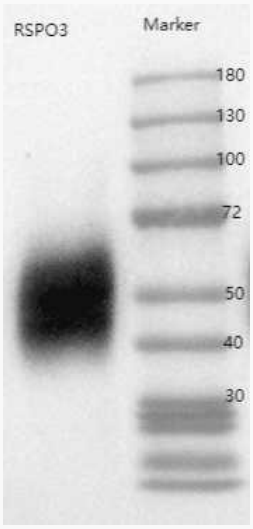
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	IPEQRENKQQQKKRKVQDKQKSVSVSTVHHHHHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	≥ 95% by SDS-PAGE
Storage	Store it at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. 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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UniProt ID	Q9BXY4
SDS-PAGE	
WB	

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