

产品名称: Recombinant Human RSPO3 (C-Fc-6His)
产品货号: PHH1449

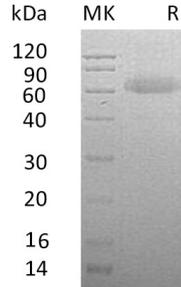


概述 (Summary)

英文全称	R-spondin-3/RSPO3/Rspondin-1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human R-spondin-3 is produced by our Mammalian expression system and the target gene encoding Gln22-Val201 is expressed with a human IgG1 Fc, 6His tag at the C-terminus.
Accession #	Q9BXY4
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	47.9 KDa
制剂 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

R-spondin-3; RSPO3; Protein with TSP type-1 repeat; Roof plate-specific spondin-3; Thrombospondin type-1 domain-containing protein 2; PWTSR; THSD2; CRISTIN1

背景介绍 (References)

R-spondin-3 (RSPO3), also known as Protein with TSP type-1 repeat, Roof plate-specific spondin-3, Thrombospondin type-1 domain-containing protein 2, PWTSR, THSD2 and CRISTIN1, is a member of the thrombospondin type 1 repeat supergene family. RSPO3 is a secreted protein and widely expressed in many tissues. RSPO3 contains two Furin-like repeats which have been found in a variety of eukaryotic proteins involved in the mechanism of signal transduction by receptor tyrosine kinases, and one TSP type-1 domain, RSPO3 functions as a activator of the beta-catenin signaling cascade, leading to TCF-dependent gene activation. Otherwise, RSPO3 may negatively regulate the TGF-beta pathway.

注意事项 (Note)

For research use only .