

R-Spondin-1 Mouse Recombinant

Item Number	rAP-4717
Synonyms	R-spondin-1, Cristin-3, mCristin-3, Roof plate-specific spondin-1, Rspo1, RSPO, R-spondin 1, R-spondin, Rspondin, CRISTIN3.
Description	RSPO1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 254 amino acids (21-265a.a.) and having a molecular mass of 28.2kDa (Molecular size on SDS-PAGE will appear at
Uniprot Accession Number	Q9Z132
Amino Acid Sequence	ADPSRGIK GK RQRRISAEGS QACAKGCELC SEVNGCLKCS PKLFILLERN DIRQVGVCLP SCPPGYFDAR NPDMNKC I KC KIEHCEACFS HNFCTKCQEG LYLHKGR CYP ACPEGSTAAN STMECGSPAQ CEMSEWSPWG PCS- KKRKL CG FRKGSEERTR RVLHAPGGDH TTCSDTKETR KCTVRRTPCP EGQKRRKGGQ GRRENANRHP ARKNS-
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	RSPO1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**