

Human RSPO3 Recombinant Protein



RPPB4531

Product Information Protein Information

Product SKU:

RPPB4531

Accession:

Q9BXY4

Host:

HEK293 cells.

Protein description:

Recombinant Human R-Spondin-3 produced in HEK293 cells is a polypeptide chain starting at amino acid Gln at position 22 to amino acid Val at position 201, fused to an FC, 6 x His-tag at C-terminus, containing a total of 498 amino acids and having a Mw of 47.9 kDa. The protein migrates at 61kDa on SDS-PAGE. RSPO3 is a truncated protein that lacks amino acid Gln at position 201 to amino acid H at position 272 and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

R-spondin-3, Protein with TSP type-1 repeat, hPWTSR, Roof plate-specific spondin-3, hRspo3, Thrombospondin type-1 domain-containing protein 2, RSPO3, PWTSR, THSD2, THSD2, CRISTIN1.

Formulation:

RSPO3 was lyophilized from a 0.2µm filtered solution in 20mM PB, and 150mM NaCl pH-7.2.

Purity:

Greater than 95% as determined by SDS PAGE.

Solubility:

It is recommended to quick spin followed by reconstitution of RSPO3 in PBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized RSPO3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution RSPO3 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

QNASRGRQR RMHPNVSQGC QGGCATCSYD NGCLSCPKRL FFALERIGMK QIGVCLSSCP SGYYGTRYPD
INKCTKCKAD CDTCFNKNFC TKCKSGFYH LGKCLDNCPE GLEANNHTME CVSIVHCEVS EWNPWSPCTK
KGKTCGFKRG TETRVREIIQ HPSAKGNLCP PTNETRKCTV DDIEGRMDEP KSCDKTHTCP PCPAPELLGG
PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT
VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSREE MTKNQVSLTC LVKGFYPSDI
AVEWESNGQP ENNYKTPPV LKSDGSEFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT
QKSLSLSPGK HHHHHH.