Human R spondin 1/RSPO1 Protein

Catalog # RSPONDIN1-HP001 Form: Lyophilized

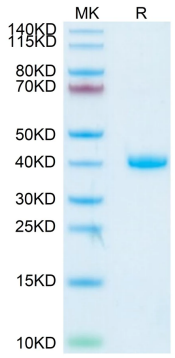
Product Details

Product description	Recombinant Human R spondin 1/RSPO1 Protein is expressed in CHO cells with a His tag at the C-terminus. It contains amino acid residues Arg31-Ala263 (UniProt accession: Q2MKA7).
Molecular aliases	R-spondin-1; RSPO1; CRISTIN3; FLJ40906; RP11-566C13.1; RSPO; R-Spondin1
Expression system	CHO
Molecular weight	The protein has a predicted MW of 27.3 kDa. Due to glycosylation, the protein migrates to 38-42 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 0.05 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human R spondin 1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.