

Recombinant human RSP01 protein, C-His (HEK293)

Catalog Number: bs-47188P

Concentration: >0.5 mg/ml

AA Seq: 31-263/263

Predicted MW: 27.3

Detected MW: Due to glycosylation, the protein migrates to 38-42 kDa based on Tris-Bis PAGE result.

Tags: C-His

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

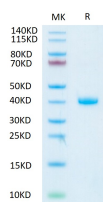
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: RSP01 is a member of the R-spondin family and encodes a secreted activator protein with two cysteine-rich, furin-like domains and one thrombospondin type 1 domain. In mice, the protein induces the rapid onset of crypt cell proliferation and increases intestinal epithelial healing, providing a protective effect against chemotherapy-induced adverse effects.

VALIDATION IMAGES



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