



Recombinant Human RSP01 Protein Product Manual

1. Product Basic Information

Product No.: REP08136

Protein Name: R-Spondin R-Spondin-R-Spondin Homolog (RSP01)

Aliases: RSP0; CRISTIN3; R-spondin R-spondin-R-spondin homolog; roof plate-specific spondin-1

UniProt ID: Q2MKA7

UniProt Link: <https://www.uniprot.org/uniprotkb/Q2MKA7/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (21-263aa)

Molecular Weight: 28.2 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (21-263aa)

SRGIK GKRRISAEGSQACAKGCELCSEVNGCLKCSPKLFILLERNDIRQVGVCLP
SCPPGYFDARNPDMNKCIKCKIEHCEACFSHNFCTKCKEGLYLHKGRCPACPEG
SSAANGTMECSSPAQCEMSEWSPWGPCSKKQQLCGFRRGSEERTRRVLHAPVG
DHAACSDTKETRRCTVRRVPCPEGQKRRKGGQGRRENANRNLARKESKEAGAGS
RRRKGQQQQQQGTVGPLTSAGPA

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the



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protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human RSPO1 full length of mature protein protein (21-263aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. RSPO1, also known as RSPO or CRISTIN3 or R-spondin R-spondin-R-spondin homolog, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.