

RSPO3-Fc Fusion Protein Conditioned medium

Life Sciences Incubator
Yalelaan 62
3584 CM Utrecht
The Netherlands

Catalog R001 - 200 ml
Lot 5504

Product description

Concentration: > 40 mg/L
> 0.48 μ M
(based on the dimeric stoichiometry)
Volume: 200 ml
Quantity: > 8 mg

Label:

R001
hRSPO3-Fc Fusion Protein
Conditioned medium
Batch 5504

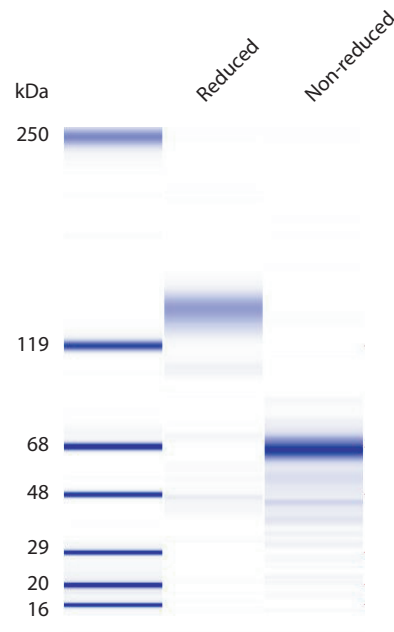


Figure 1. LabChip analysis of RSPO3-Fc Fusion Protein

Use, storage and stability

RSPO3-Fc fusion protein has been successfully used for pancreas, stomach, colon and liver organoids¹ and kidney organoids².

The working concentration of the product in organoid cultures should be determined experimentally. As a starting concentration 2 % can be used.

The product should be stored at - 80 °C (stable for at least 1 year). After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months) or at 4 °C for short time storage.

Reference

- 1) Surrogate Wnt agonists that phenocopy canonical Wnt/ β -catenin signaling, Janda and Garcia *et al.*, Nature. 2017 May 11; 545(7653): 234–237 (doi:10.1038/nature22306).
- 2) <https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSM2879360>
- 3) Snake Venom Gland Organoids, Y. Post, H. Clevers et al, Cell, 2020, <https://doi.org/10.1016/j.cell.2019.11.038>

Production platform:

This product has been produced in HEK293 cells using the rPEXTM recombinant protein production platform.

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