

## RSPO3-Fc Fusion Protein

### Conditioned medium

Catalog R001 - 100 ml  
Lot 4711

Life Sciences Incubator  
Yalelaan 62  
3584 CM Utrecht  
The Netherlands

### Product description

Concentration: > 40 mg/L  
> 0.48  $\mu$ M  
(based on the dimeric stoichiometry)

Volume: 100 ml

Quantity: > 4 mg

Label:

R001  
hRSPO3-Fc Fusion Protein  
Conditioned medium  
Batch 4711

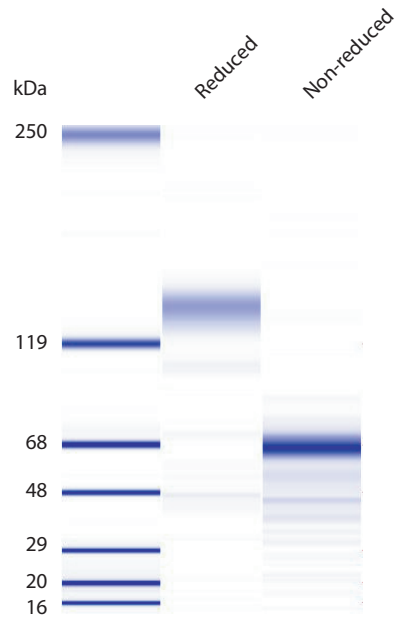


Figure 1. LabChip analysis of RSPO3-Fc Fusion Protein

### Use, storage and stability

RSPO3-Fc fusion protein has been successfully been used for pancreas, stomach, colon and liver organoids<sup>1</sup> and kidney organoids<sup>2</sup>.

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/ $\beta$ -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 rPEX™ recombinant protein production platform.

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