

Wnt Surrogate-Fc Fusion Protein

Life Sciences Incubator
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The Netherlands

Catalog N001 - 0.1 mg
Lot 5696

Product description

Concentration: 1.9 mg/ml
16.3 μ M
(based on the dimeric stoichiometry)

Volume: 58 μ l
Quantity: 110 μ g

Label:
N001-0.1 mg
Wnt Surrogate-Fc Fusion Protein
1.9 mg/ml Batch 5696
25 mM Tris 500 mM NaCl pH 8.2

Use, storage and stability

Predilute the product to a 5 μ M stock solution using a suitable buffer. The effective working concentration range varies between 0.1 - 0.5 nM and should be determined experimentally.

Undiluted Wnt Surrogate-Fc Fusion Protein should be stored at - 80 °C (stable for at least 1 year). The buffer contains 25 mM Tris 500 mM NaCl pH 8.2 without preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 12 months).

The product is stable for at least 5 freeze-thaw cycles without significant loss in TopFlash activity.

Reference

- 1) Next-Generation Surrogate Wnts Support Organoid Growth and Deconvolute Frizzled Pleiotropy *In Vivo*, Miao *et al.*, Cell Stem Cell, 2020, November 05; 27(5) 840-851 (doi: 10.1016/j.stem.2020.07.020).
- 2) 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).

Marking

Patent Pending.

Production platform:

This product has been produced in HEK293 cells using the rPEx[®] recombinant protein production platform.

PRODUCT USE LIMITATIONS, WARRANTY, DISCLAIMER

The product is not for use in humans

The product can only be used for internal research and development

The product can not be used in any commercial activity (commercial use includes, but is not limited to, 1) preparation of growth media with the purpose of sale, 2) R&D activities for third parties)

The product can not be resold.

Please contact bd@immunoprecise.com to inquire about further information.

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page 1/1

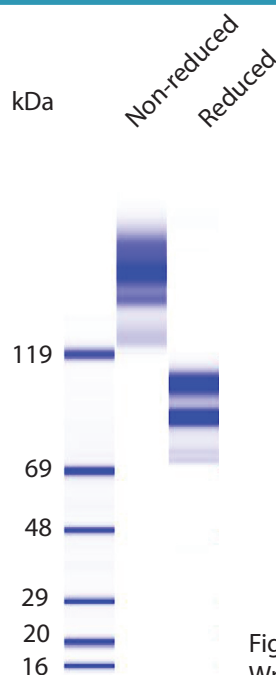


Figure 1. LabChip analysis of Wnt Surrogate-Fc Fusion Protein