

# N2 Supplement-B



**For neural differentiation of mouse and human ES and iPS cells**

Catalog # 07156

5 mL

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## Product Description

N2 Supplement-B has been developed as a medium supplement for the in vitro differentiation of mouse embryonic stem (ES) cells and mouse induced pluripotent stem (iPS) cells to neural cell types. May be suitable for other applications. This product is supplied as a 100X stock solution.

## Properties

- Storage:** Store at -20°C.
- Shelf Life:** Stable until expiry date (EXP) on label.
- Contains:**
- Recombinant human insulin
  - Human apo-transferrin (iron-poor)
  - Sodium selenite
  - Putrescine
  - Progesterone
  - Other ingredients

This product contains material derived from human plasma. Donors have been tested and found negative for HIV-1 and -2, hepatitis B, and hepatitis C prior to donation. However, this product should be considered potentially infectious and treated in accordance with universal handling precautions.

## Handling / Directions For Use

NOTE: Protect N2 Supplement-B from prolonged exposure to light.

Thaw N2 Supplement-B at room temperature (15 - 25°C) for 1 hour. Mix well.

NOTE: Once thawed, use supplement immediately or aliquot and store at -20°C. Do not exceed the expiry date as indicated on the label.

Use this product as directed in the protocol of choice.

## Notes and Tips

### RELATED PRODUCTS

For related products, including specialized cell culture and storage media, supplements, antibodies, cytokines, and small molecules, visit [www.stemcell.com/hPSCNCworkflow](http://www.stemcell.com/hPSCNCworkflow) or contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

## References

Lee S-HH et al. (2000) Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells. *Nat Biotechnol* 18(6): 675–9.

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