

For Research Use Only

Recombinant Human Neogenin protein (rFc Tag)



Catalog Number: Eg5518

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
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Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Human Neogenin protein Ala34-Leu1105 (Accession# Q92859-1) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
4756

Accession:
Q92859-1

Predicted Molecular Mass:
143.2 kDa

SDS-PAGE:
130-200 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Neogenin, also named as IGDC2 and NEO1, belongs to the immunoglobulin superfamily and DCC(deleted in colorectal cancer) family. NEO1 may be involved as a regulatory protein in the transition of undifferentiated proliferating cells to their differentiated state. NEO1 may also function as a cell adhesion molecule in a broad spectrum of embryonic and adult tissues.

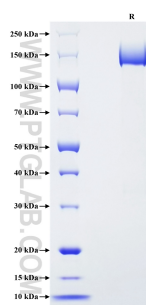
References

1. Xia, Xueli et al. Cytokine & growth factor reviews vol. 64, (2022): 46-56.
2. Mancino, Mario et al. Cancer research vol. 69,5 (2009): 1717-21.
3. Villanueva, Andrea A et al. Cell adhesion & migration vol. 15,1 (2021): 58-73.

Synonyms

HsT17534, IGDC2, NEO1, neogenin homolog 1 (chicken), NGN

Selected Validation Data



Purity of Recombinant Human Neogenin was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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