



Recombinant Human NEO1 Protein Product Manual

1. Product Basic Information

Product No.: REP07584

Protein Name: NEO1

Aliases: NGN; IGDCC2; NTN1R2; neogenin

UniProt ID: Q92859

UniProt Link: <https://www.uniprot.org/uniprotkb/Q92859/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (34-1105aa)

Molecular Weight: 146.5 kDa

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (34-1105aa)

ARSGSAPQSPGASIRTFYFLVEPVDTLVSRGSSVILNCSAYSESPKIEWKKDG
TFLNLVSDRRQLLPDGSFLISNVVHSHKHPDEGYQCVATVESLGTIISRTAKLIV
AGLPRFTSQPEPSSVYAGNNAILNCEVNADLVPFVRWEQNRQPLLLDDRVIKLP
MLVISNATEGDGGLYRCVVESSGPPKYSDEVELKVLPDPEVISDLVFLKQPSPLVRV
IGQDVVLPCVASGLPTPTIKWMKNEEALDTESSERLVLLAGGSLEISDVTEDDAGTY
FCIADNGNETIEAQAELTVQAQPEFLKQPTNIYAHESMDIVFECEVTGKPTPTVKWV
KNGDMVIPSDYFKIVKEHNLQVLGLVKSDEGFYQCAENDVGNAQAGAQLIILEHAP
ATTGPLPSAPRDVVASLVSTRFIKLTWRTPASDPHGDNLTYSVFYTKEGIRERVEN
TSHPGEMQVTIQNLMPATVYIFRVMAQNKHGSSESSAPLRVETQPEVQLPGPAPNL
RAYAASPTSITVTWETPVSGNGEIQNYKLYMEKGTDKQDQDVSSHSYTINGLKK
YTEYSFRVVAYNKHGPGVSTPDVAVRTLSDVPSAAPQNLSLEVRNSKSIHWWQPP
APATQNGQITGYKIRYRKASRKSDVTETLVSGTQLSQLIEGLDRGTEYNFRVAALTIN
GTGPATDWLSAETFESDLDETRVPEVPSSLHVRPLVTSIVVSWTPPENQIVVRGY
AIGYGIGSPHAQTIKVDYKQRYTYIENLDPSSHYVITLKAFNNVGEIPLYESAIVTRPH
TDTSEVDLFINAPYTPVPDPTMMPVGVQASILSHDTIRITWADNSLPKHQKITDS
RYYTVRWKTNIPANTKYKNANATTLSTLVTLGLKPNLTLYEFSVMVTKGRRSSTWSMT
AHGTTFELVPTSPPKDVTVVSKEGPKTIIVNWQPPSEANGKITGYIIYYSTDVNAEIH
DWVIEPVVGNRLTHQIQELTLDTPYYFKIQARNSKGMGPMSEAVQFRTPKADSSDK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NEO1 partial protein (34-1105aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. NEO1, also known as NGN or IGDC2 or NTN1R2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.