



# Recombinant Human SCN10A Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08173

**Protein Name:** Nav1.Sensory Neuron Sodium Channel (SCN10A)

**Aliases:** PN3; SNS; FEPS2; Nav1.sensory neuron sodium channel; sodium channel protein type 10 subunit alpha; sodium voltage-gated channel alpha subunit 10

**UniProt ID:** Q9Y5Y9

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9Y5Y9/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** Yeast

**Protein Length:** Partial (273-341)

**Molecular Weight:**

**Protein Tag:** Tag type will be determined during the manufacturing process. The tag type will be determined during production process. If you have specified tag type, please tell us and we will develop the specified tag preferentially.

## 2. Amino Acid Sequence (273-341)

KNKCVKNDMAVNETTNYSSHRKPDYINKRGTS DPLL CGNGSDSGHCPDGYICKLT  
SDNPDFNYTSFDS

## 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



## 5. Product Description

This product is a recombinant Human SCN10A partial protein (273-341) expressed in Yeast. SCN10A, also known as PN3 or SNS or FEPS2, 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.