9051 Mira Mesa Blvd, #910094
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# PCSK1N Human

*Proprotein Convertase Subtilisin/Kexin Type 1 Inhibitor Human Recombinant*
*RCP1601*

## Product Overview

| | |
|---|---|
| Name | PCSK1N Human |

**Description**

Proprotein Convertase Subtilisin/Kexin Type 1 Inhibitor Human Recombinant

| | |
|---|---|
| Accession (Primary) | Q9UHG2 |

**Synonyms**

ProSAAS precursor, Proprotein convertase subtilisin/kexin type 1 inhibitor, PROSAAS; SAAS, PCSK1N.

**Introduction**

Proprotein Convertase Subtilisin/Kexin Type 1 Inhibitor (PCSK1N) takes part in the control of the neuroendocrine secretory pathway. PCSK1N inhibits prohormone convertase 1, which regulates the proteolytic cleavage of neuroendocrine peptide precursors. PCSK1Nslows down convertase-mediated processing of proopiomelanocortin and proenkephalin and also monitors the intracellular timing of PCSK1.

**Source**

Escherichia Coli.

**Physical Appearance**

Sterile Filtered colorless solution.

**Formulation**

The PCSK1N solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Purity**

Greater than 85.0% as determined by SDS-PAGE.

**Amino acid sequence**

MGSSHHHHHH SSGLVPRGSH MGS MARPVKE PRGLSAASPP LAETGAPRRF RRSVPRGEAA GAVQELARAL AHLLEAERQE RARAEAQEAE DQQARVLAQL LRVWGAPRNS DPALGLDDDP DAPAAQLARA LLRARLDPAA LAAQLVPAPV PAAALRPRPP VYDDGPAGPD AEEAGDETPD VDPELLRYLL GRILAGSADS EGVAAPRRLR RAADHDVGSE LPPEGVLGAL LRVKRLETPA PQVPARRLLP P.

**Precautions**

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PCSK1N Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q9UHG2 )