

## Recombinant human PCSK1N, His-tagged

**Cat. No.** PCSK1N-2488H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human PCSK1N protein, fused to His-tag at N-terminus, was expressed in E.coli.                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 34-260 aa                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Members of the subtilisin-like proprotein convertase family process latent precursor proteins into their biologically active products. PCSK1N functions as an inhibitor of prohormone convertase 1, which regulates the proteolytic cleavage of neuroendocrine peptide precursors.              |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 26.6kDa (251aa)                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMARPVKE PRGLSAASPP LAETGAPRRF<br>RRSVPRGEAA GAVQELARAL AHLLEAERQE RARAEAEQAEADQQARVLAQL<br>LRVWGAPRNS DPALGLDDDD DAPAAQLARA LLRARLDPAALAAQLVPAPV<br>PAAALRPRPP VYDDGPAGPD AEEAGDETPD VDPELLRYLL GRILAGSADS<br>EGVAAPRRLR RAADHDVGSE LPPEGVLGAL LRVKRLETPA PQVPARRLLP P |
| <b>Purity</b>           | >85 % by SDS - PAGE                                                                                                                                                                                                                                                                             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                            |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>        | SDS-PAGE                                                                                                                                                                  |
| <b>Storage</b>             | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.                        |
| <b>Concentration</b>       | 0.25 mg/ml (determined by Bradford assay)                                                                                                                                 |
| <b>GENE INFORMATION</b>    |                                                                                                                                                                           |
| <b>Gene Name</b>           | PCSK1N proprotein convertase subtilisin/kexin type 1 inhibitor [ Homo sapiens ]                                                                                           |
| <b>Official Symbol</b>     | PCSK1N                                                                                                                                                                    |
| <b>Synonyms</b>            | PCSK1N; proprotein convertase subtilisin/kexin type 1 inhibitor; proSAAS; SAAS; pro-SAAS; proprotein convertase 1 inhibitor; granin-like neuroendocrine peptide; PROSAAS; |
| <b>Gene ID</b>             | 27344                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | NM_013271                                                                                                                                                                 |
| <b>Protein Refseq</b>      | NP_037403                                                                                                                                                                 |
| <b>MIM</b>                 | 300399                                                                                                                                                                    |
| <b>UniProt ID</b>          | Q9UHG2                                                                                                                                                                    |
| <b>Chromosome Location</b> | Xp11.23                                                                                                                                                                   |
| <b>Function</b>            | endopeptidase inhibitor activity; receptor binding; serine-type endopeptidase inhibitor activity;                                                                         |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA