

Recombinant Human PCSK1N Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PCSK1N-5677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PCSK1N MS Standard C13 and N15-labeled recombinant protein (NP_037403) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene functions as an inhibitor of prohormone convertase 1, which regulates the proteolytic cleavage of neuroendocrine peptide precursors. The proprotein is further processed into multiple short peptides. A polymorphism within this gene may be associated with obesity.
Molecular Mass	27.37 kDa
AA Sequence	MAGSPLLWGPRAGGVGLLVLLLLGLFRPPPALCARPVKEPRGLSAASPPLAETGAP RRFRRSVPRGEAAGAVQELARALAHLLAERQERARAEAEQAEEDQQARVLAQLLR VWGAPRNSDPALGLDDDDPDAPAAQLARALLRARLDPAALAAQLVPAPVPAALRPR PPVYDDGPAGPDAAEEAGDETPDVPPELLRYLLGRILAGSADSEGVAAPRRLRRAAD HDVGSELPPEGVLGALLRVKRLETPAPQVPARRLLPPTTRTRPLEQKLISEEDLAANDI LDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PCSK1N proprotein convertase subtilisin/kexin type 1 inhibitor [Homo sapiens (human)]

Official Symbol PCSK1N

Synonyms PCSK1N; proprotein convertase subtilisin/kexin type 1 inhibitor; proSAAS; SAAS; pro-SAAS; proprotein convertase 1 inhibitor; granin-like neuroendocrine peptide; PROSAAS;

Gene ID 27344

mRNA Refseq NM_013271

Protein Refseq NP_037403

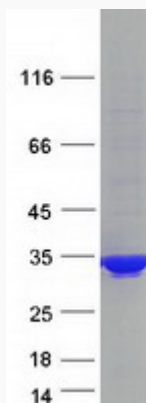
MIM 300399

UniProt ID Q9UHG2

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SDS-PAGE

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