

Recombinant Full Length Human PCSK1N Protein, C-Flag-tagged

Cat. No. PCSK1N-2018HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PCSK1N Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	24 kDa
AA Sequence	MAGSPLLWGPRAGGVGLLVLLLLGLFRPPPALCARPVKEPRGLSAASPPLAETGAP RRFRRSVPRGEAAG AVQELARALAHLLAERQERARAEAEQAEDQQARVLAQLLR VWGAPRNSDPALGLDDDDPDAPAAQLARAL LRARLDPAALAAQLVPAPVPAALRP RPPVYDDGPAGPDAAEEAGDETPDVPPELLRYLLGRILAGSADSE GVAAPRRRLRAA DHDVGSELPPEGVLGALLRVKRLETPAPQVPARRLLPP TRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	PCSK1N proprotein convertase subtilisin/kexin type 1 inhibitor [Homo sapiens (human)]
Official Symbol	PCSK1N
Synonyms	PEN; SAAS; SCG8; BigLEN; SgVIII; PROSAAS
Gene ID	27344
mRNA Refseq	NM_013271.5
Protein Refseq	NP_037403.1
MIM	300399

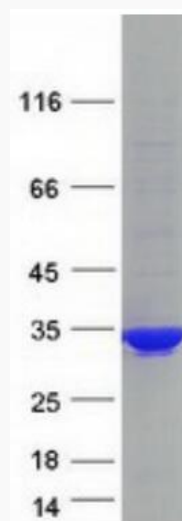
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UniProt ID

Q9UHG2



Coomassie blue staining of purified PCSK1N protein.

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