

Recombinant human PCSK1N, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human PCSK1N protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	34-260 aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	26.6kDa (251aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMARPVKE PRGLSAASPP LAETGAPRRF RRSVPRGEAA GAVQELARAL AHLLEAERQE RARAEAEQAEEDQQARVLAQL LRVWGAPRNS DPALGLDDDD DAPAAQLARA LLRARLDPAA LAAQLVPAPV PAAALRPRPP VYDDGPAGPD AEEAGDETPD VDPELLRYLL GRILAGSADS EGVAAPRRLR RAADHDVGSE LPPEGVLGAL LRVKRLETPA PQVPARRLLP P
Purity	>85 % by SDS - PAGE

 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

Applications	SDS-PAGE
Storage	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.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	PCSK1N proprotein convertase subtilisin/kexin type 1 inhibitor [Homo sapiens]
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
Chromosome Location	Xp11.23
Function	endopeptidase inhibitor activity; receptor binding; serine-type endopeptidase inhibitor activity;

 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