

## Product datasheet for **AR51308PU-N**

### PCSK1N (34-260, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	PCSK1N (34-260, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMARPVKE PRGLSAASPP LAETGAPRRF RRSVPRGEAA GAVQELARAL AHLLEAERQE RARAEAEAE DQQARVLAQL LRWVGAPRNS DPALGLDDDDP DAPAAQLARA LLRARLDPAA LAAQLVPAPV PAAALRPRPP VYDDGPAGPD AEEAGDETPD VDPELLRYLL GRILAGSADS EGVAAPRRRL RAADHDVGSE LPPEGVLGAL LRVKRLETPA PQVPARRLLP P
Tag:	His-tag
Predicted MW:	26.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PCSK1N protein, fused to His-tag at N-terminus, was expressed in E.coli .
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_037403</a>
Locus ID:	27344
UniProt ID:	<a href="#">Q9UHG2</a>
Cytogenetics:	Xp11.23



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**Synonyms:** ProSAAS, pro-SAAS

**Summary:** 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. [provided by RefSeq, Aug 2013]

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Product images:**

