

## Product datasheet for **TP301065M**

### ProSAAS (PCSK1N) (NM\_013271) Human Recombinant Protein

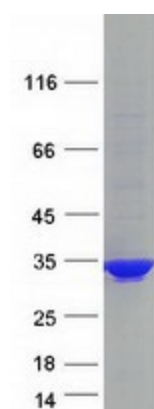
#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens proprotein convertase subtilisin/kexin type 1 inhibitor (PCSK1N), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201065 representing NM_013271 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAGSPLLWGPRAGGVGLLVLLLLGLFRPPPALCARPVKEPRGLSAASPPLAETGAPRRFRSSVPRGEAAG AVQELARALAHLLAERQERARAEAEQAEDQARVLAQLLRVWGAPRNSDPALGLDDDPDAPAAQLARA L LRARLDPAALAAQLVPAPVPAALRPPVYDDGPAGPDAAEEAGDETPDVPPELLRYLLGRILAGSADSE GVAAPRRLRRAADHDVGSELPPGVLGALLRVKRLTPAPQVPARRLLPP  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	24 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_037403</a></u>
Locus ID:	27344


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UniProt ID:	<u>Q9UHG2</u>
RefSeq Size:	990
Cytogenetics:	Xp11.23
RefSeq ORF:	780
Synonyms:	BigLEN; PEN; PROSAAS; SAAS; SCG8; SgVIII
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:



Coomassie blue staining of purified PCSK1N protein (Cat# [TP301065]). The protein was produced from HEK293T cells transfected with PCSK1N cDNA clone (Cat# [RC201065]) using MegaTran 2.0 (Cat# [TT210002]).