

Recombinant Human PCSK1 protein, GST-tagged

Cat. No. PCSK1-3752H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCSK1 protein(406-585 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	406-585 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	DMQHLVVWTSEYDPLANNPGWKKNGAGLMVNSRFGFGLLNAKALVDLADPRTWR SVPEKKECVVKDNDFEPRALKANGEVIEIPTRACEGQENAIKSLEHVQFEATIEYSR RGDLHVTLTSAAGTSTVLLAERERDTSPNGFKNWDFMSVHTWGENPIGTWTLRITD MSGRIQNEGRIV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 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

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION**Gene Name**

PCSK1 proprotein convertase subtilisin/kexin type 1 [Homo sapiens]

Official Symbol

PCSK1

Synonyms

PCSK1; proprotein convertase subtilisin/kexin type 1; NEC1; neuroendocrine convertase 1; PC1; PC3; prohormone convertase 1; prohormone convertase 3; proprotein convertase 1; SPC3; NEC 1; BMIQ12;

Gene ID

5122

mRNA Refseq

NM_000439

Protein Refseq

NP_000430

MIM

162150

UniProt ID

P29120

 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