

Recombinant Human PCSK4, GST-tagged

Cat. No. PCSK4-85H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human PCSK4 full-length ORF (AAH36354, 1 a.a. - 242 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the subtilisin-like proprotein convertase family. These enzymes process latent precursor proteins into their biologically active products. The encoded protein plays a critical role in reproduction and processes multiple prohormones including pro-pituitary adenylate cyclase-activating protein (proPACAP) and pro-insulin-like growth factor II.
Molecular Mass	52.36 kDa
AA Sequence	MGTRSTLVAIRPLDVSTEGYNNWVFMSTHFWDENPQGVWTLGLENKGYFNTGTL YRYTLLLYGTAEDMTARPTG PQVTSSACVQRDTEGLCQACDGPAYILGQLCLAYCP PRFFNHTRLVTAGPGHTAAPALRVCSSCHASCYTCRGGG PRDCTSCPPSSTLDQQ QGSCMGPTTPDSRPRLRAAACPHHRCPASAMVLSLLAVTLGGPVLCGMSMDLPLY AWLS RARATPTKPQVWLPAQT
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name PCSK4 proprotein convertase subtilisin/kexin type 4 [Homo sapiens(human)]

Official Symbol PCSK4

Synonyms PCSK4; PC4; SPC5; proprotein convertase subtilisin/kexin type 4

Gene ID 54760

mRNA Refseq NM_017573

Protein Refseq NP_060043

MIM 600487

UniProt ID Q6UW60

Chromosome Location 19p13.3

Function serine-type endopeptidase activity

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