

Recombinant Human PCSK5, His-tagged

Cat. No. PCSK5-122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCSK5 was produced in E.coli. with His-tag.
Species	Human
Source	E.coli
Description	The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein mediates posttranslational endoproteolytic processing for several integrin alpha subunits. It is thought to process prorenin, pro-membrane type-1 matrix metalloproteinase and HIV-1 glycoprotein gp160. Multiple transcript variants encoding different isoforms have been found for this gene.
Antigen peptid region	32-351aa
Storage Buffer	1 M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.) added with 300 mM Imidazole and 0.7% Sarcosyl, 15% glycerol.
Official Symbol	PCSK5

GENE INFORMATION

Gene Name	PCSK5 proprotein convertase subtilisin/kexin type 5 [Homo sapiens]
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Synonyms	PCSK5; proproteinconvertase subtilisin/kexin type 5; PC5; PC6; PC6A; SPC6; FLJ111149; FLJ16215;hPC6; protease PC6; prohormone convertase 5; proprotein convertase 6; subtilisin/kexin-likeprotease PC5; OTTHUMP00000021497; OTTHUMP00000021498; OTTHUMP00000021499; EC3.4.21.; Proprotein convertase 5; EC 3.4.21; EC 3.4.21.61; EC 3.4.21.75
Gene ID	5125
mRNA Refseq	NM_001190482
Protein Refseq	NP_001177411
MIM	600488
UniProt ID	Q92824
Chromosome Location	9
Pathway	NGFprocessing; Signal Transduction; Signalling by NGF
Function	peptidaseactivity; peptide binding; serine-type endopeptidase activity

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