

Recombinant Human PCSK4 cell lysate

Cat. No. PCSK4-1317HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Proprotein convertases, including PCSK4, are calcium-dependent serine proteases related to bacterial subtilisins and to yeast kexin. These enzymes process precursor proteins to their active forms by selective cleavage of the polypeptide at sites following paired basic amino acids. In mammals, this family comprises PC1 (MIM 162150), PC2 (MIM 162151), PC4, PC5 (MIM 600488), furin (FUR; MIM 136950), and PACE4 (MIM 167405). Substrates for these enzymes range from prohormones to precursors for growth factors to cell surface receptors and viral surface glycoproteins (Cao et al., 2001 [PubMed 11776387]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PCSK4 proprotein convertase subtilisin/kexin type 4 [Homo sapiens]
Official Symbol	PCSK4

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Synonyms	PCSK4; proprotein convertase subtilisin/kexin type 4; DKFZp434B217; MGC34749; PC4; SPC5;
Gene ID	54760
mRNA Refseq	NM_017573
Protein Refseq	NP_060043
MIM	600487
UniProt ID	Q6UW60
Chromosome Location	19p13.3
Function	peptidase activity; serine-type endopeptidase activity;

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