

Recombinant Rat Pcsk2 protein, His-tagged

Cat. No. PCSK2-4307R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pcsk2(109-637 aa) fused with His tag was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	109-637 aa
Form	Tris-based buffer,50% glycerol
AA Sequence	GY RDINEIDINM NDPLFTKQWY LFNTGQADGT PGLDLNVAEA WELGYTGKGV TIGIMDDGID YLHPDLAYNY NSDASYDFSS NDPYPYPRYT DDWFNSHGTR CAGEVSAAAS NNICGVGVAY NSKVAGIRML DQPFMTDIE ASSISHMPQL IDIYSASWGP TDNGKTVDGP RELTLQAMAD GVNKGRGGKG SIYVWASGDG GSYDDCNCDG YASSMWTISI NSAINDGRTA LYDESCSSTL ASTFSNGRKR NPEAGVATTD LYGNCTLRHS GTSAAAPEAA GVFALALEAN VDLTWRDMQH LTVLTSKRNQ LHDEVHQWRR NGVGLEFNHL FGYGVLDAGA MVKMAKDWKT VPERFHCVGG SVQNPEKIPP TGKLVLTQT NACEGKENFV RYLEHVQAVI TVNATRRGDL NINMTSPMGT KSILLSRRP DDDSKVGFDK WPFMTTHTWG EDARGTWLE LGFVGSAPQK GLLKEWTLML HGTQSAPYID QVVRDYQSKL AMSKKQELEE ELDEAVERS L QSILRKN
Purity	>90% (SDS-PAGE)
Storage	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80

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centigrade. Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

GENE INFORMATION

Gene Name	Pcsk2 proprotein convertase subtilisin/kexin type 2 [Rattus norvegicus]
Official Symbol	Pcsk2
Synonyms	PCSK2; proprotein convertase subtilisin/kexin type 2; neuroendocrine convertase 2; PC2; NEC 2; prohormone convertase 2; proprotein convertase 2; KEX2-like endoprotease 2;
Gene ID	25121
mRNA Refseq	NM_012746
Protein Refseq	NP_036878
MIM	
UniProt ID	P28841
Chromosome Location	3q42
Pathway	Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem;
Function	endopeptidase activity; peptidase activity; protein binding; protein complex binding; serine-type endopeptidase activity; serine-type endopeptidase activity;

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