

Recombinant Rat PCSK2 Protein (109-637 aa), His-tagged

Cat. No. PCSK2-2083R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat PCSK2 Protein (109-637 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	E.coli
ProteinLength	109-637 aa
Description	Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues. Responsible for the release of glucagon from proglucagon in pancreatic A cells (By similarity).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	62.3 kDa
AA Sequence	GYRDINEIDINMNDPLFTKQWYLFNTGQADGTPGLDLNVAEAWELGYTGKGVITIGIM DDGIDYLHPDLAYNYNSDASYDFSSNDPYPYPRYTDDWFNSHGTRCAGEVSAAAS NNICGVGVAYNSKVAGIRMLDQPFMTDIEASSISHMPQLIDIYSASWGPTDNGKTV DGPRELTLQAMADGVNKGGRGGKGSYVWASGDGGSYDDCNCDDGYASSMWTISINSA INDGRTALYDESCSSTLASTFSNGRKRNP EAGVATTDLYGNCTLRHSGTSAAPEA AGVFALALEANVDLTWRDMQHLTVLTSKRNLHDEVHQWRRNGVGLFNLHFGYG VLDAGAMVKMAKDWKTVPERFHCVGGSVQNPEKIPPTGKLVLTQTNACEGKENF

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	VRYLEHVQAVITVNATRRGDLNINMTSPMGTKSILLSRRPRDDDSKVGFDKWPFMTT HTWGEDARGTWTLELGFVGSAPQKGLLKEWTLMLHGTQSAPYIDQVVRDYQSKLA MSKKQELEEELDEAVERSLQSILRKN
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

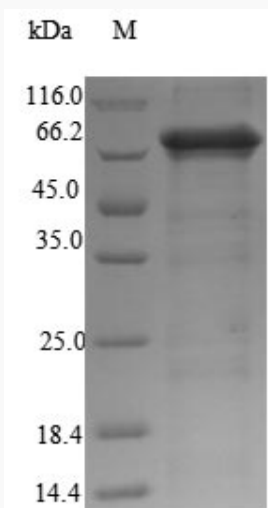
GENE INFORMATION

Gene Name	Pcsk2 proprotein convertase subtilisin/kexin type 2 [Rattus norvegicus]
Official Symbol	PCSK2
Synonyms	PCSK2; PC2; NEC 2; prohormone convertase 2;
Gene ID	25121
mRNA Refseq	NM_012746
Protein Refseq	NP_036878
UniProt ID	P28841

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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