

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 DDGIDYLPDLAYNYNSDASYDFSSNDPYPYPRYTDDWFNSHGTRCAGEVSAAAS NNICGVGVAYNSKVAGIRMLDQPFMTDIEASSISHMPQLIDIYSASWGPTDNGKTV DGPRELTLQAMADGVNKGGRGGKGSIVWASGDGGSYDDCNCDGYASSMWTISINSA 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](#)

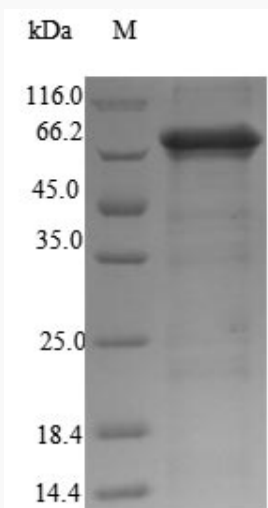
Protein Refseq [NP_036878](#)

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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