



Recombinant Rat Neuroendocrine convertase 2 (Pcsk2)

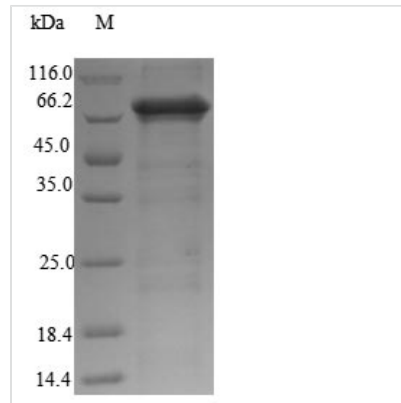
Product Code	CSB-EP017642RA
Relevance	Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues. Responsible for the release of glucagon from proglucagon in pancreatic A cells (By similarity).
Abbreviation	Recombinant Rat Pcsk2 protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P28841
Alias	NEC 2 Alternative name(s): KEX2-like endoprotease 2 Prohormone convertase 2 Proprotein convertase 2 Short name: PC2
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GYRDINEIDINMNDPLFTKQWYLFNTGQADGTPGLDLNVAEAWELGYTGKGV IGIMDDGIDYLPDLAYNYNSDASYDFSSNDPYPYPRYTDDWFNSHGTRCAG EVSAAASNNICGVGVAYNSKVAGIRMLDQPFMTDIEASSISHMPQLIDIYSASW GPTDNGKTVDGPRELTLQAMADGVNKGRRGGKGSYVWASGDGGSYDDCNC DGYASSMWTISINSAINDGRTALYDESCSSTLASTFSNGRKRNP EAGVATTDL YGNCTLRHSGTSAAAPEAAGVFALALEANVDLTWRDMQHLTVLTSKRNLHD EVHQWRRNGVGLFNHLFGYGVLDAGAMVKMAKDWKTVPERFHCVGGSVQ NPEKIPPTGKLVLTQTNACEGKENFVRYLEHVQAVITVNATRRGDLNINMTSP MGTKSILLSRRPRDDDSKVGFDKWPFMTHHTWGEDARGTWTLELGFVGSAP QKGLLKEWTLMLHGTQSAPYIDQVVRDYQSKLAMSKKQELEEELDEAVERS LSILRKN
Research Area	Signal Transduction
Source	E.coli
Target Names	Pcsk2
Protein Names	Recommended name: Neuroendocrine convertase 2 Short name= NEC 2 EC= 3.4.21.94 Alternative name(s): KEX2-like endoprotease 2 Prohormone convertase 2 Proprotein convertase 2 Short name= PC2
Expression Region	109-637aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged



Mol. Weight 62.3kDa

Protein Length Full Length of Mature Protein

Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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