Active Recombinant Mouse Proc protein, His-tagged

Cat. No. Proc-26M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Proc(Ile19-Leu460 (pro) & Ala42-Leu460 (mature)) fused with His tag at C-terminal was expressed in CHO.
Species	Mouse
Source	CHO
ProteinLength	19-460;42-460 a.a.
Predicted N Terminal	Ile19 & Ala42
Form	Supplied as a 0.2 μm filtered solution in Sodium Acetate and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Boc-beta -benzyl-DPR-AMC. The specific activity is >125 pmol/min/μg.
Molecular Mass	Predicted Molecular Mass: 49 (Pro) & 48 (Mature) kDa; SDS-PAGE: 70 kDa, reducing conditions.
Endotoxin	<1.0 EU per 1 μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	Avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied.

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	3 months, -20 to -70 centigrade under sterile conditions after opening.

GENE INFORMATION

Gene Name	Proc protein C [Mus musculus]
Official Symbol	Proc
Synonyms	PC
Gene ID	19123
mRNA Refseq	NM_008934.3
Protein Refseq	NP_032960.3
UniProt ID	P33587
Chromosome Location	18; 18 B3
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem;Common Pathway, organism-specific biosystem;Complement and Coagulation Cascades, organism-specific biosystem;Complement and coagulation cascades, organism-specific biosystem;Complement and coagulation cascades, conserved biosystem;Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem;Gamma-carboxylation of protein precursors, organism-specific biosystem;

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