

Recombinant Rat Pde1c protein, His-tagged

Cat. No. Pde1c-4463R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pde1c protein(Q63421)(1-768aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	1-768aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	92.6 kDa
AA Sequence	<p>MTDTSHKKEGFKKCRSATFSIDGYSFTIVANEAGDKNARPLARFSRSKSNCLWNS LIDGLTGNVKEKPRPTIVQDTRPPEEILADELPQLDSPEALVKTSFRLRSLVKQLERG EASVVDLKKNLEYAATVLESVYIDETRRLDTEDELSDIQSDAVPSEVRDWLASTFTR QMGMMLRRSDEKPRFKSIVHAVQAGIFVERMYRRTSNMVGLSYPPAVIDALKDVRT WSFDVFSLNEASGDHALKFIFYELLTRYDLISRFKIPISALVSFVEALEVGYSKHKNPY HNLMAHADVTQTVHYLLYKTGVANWLTELEIFAIIFSAAIHDIYEHTGTTNNFHIQTRSD PAILYNDRSVLENHHLAAYRLLQEDEEMNILVNLSKDDWREFRTLVIEMVMATDMS CHFQQIKAMKTALQQPEAIEKPKALSLMLHTADISHPAKAWDLHHRWTMSLLEEFFR QGDREAELGLPFSPLCDRKSTMVAQSQVGFIDFIVEPTFTVLDMTEKIVSPLIDETS QTGGTGQRRSSLNSINSSDAKRSGVKSSGSEGSAPINNSVIPVDYKSFKATWTEVV</p>

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QINRERWRAKVPKEEKAKKEAEEKARLAAEEKQKEMEAKSQAEQGTTSKAEKKS
 GETKGQVNGTRTSKGDNPRGKNSKGDKAGEKQQNGDLKDGKNKADKKDHSNTGN
 ESKKADGTTKRSHGSPAPSTSSTSRLLTPVIKPLRHFKRPAYASSSYAPSVPKKTD
 DHPVRYKMLDQRIKIKKIQNISHHWNKK

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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.

GENE INFORMATION

Gene Name [Pde1c phosphodiesterase 1C \[Rattus norvegicus \]](#)

Official Symbol [Pde1c](#)

Synonyms PDE1C; phosphodiesterase 1C; calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1C; cam-PDE 1C; cyclic nucleotide phosphodiesterase 1 C; phosphodiesterase 1C calmodulin-dependent (70kD);

Gene ID [81742](#)

mRNA Refseq [NM_031078](#)

Protein Refseq [NP_112340](#)

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