

Recombinant Rat Phosphodiesterase 10A, GST-tagged

Cat. No. Pde10a-439R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant rat Pde10a, amino acids 449-end with N-terminal GST tag expressed in aBaculovirusinfected Sf9 cell expression system. MW = 66kDa.
Species	Rat
Source	Sf9 Cells
ProteinLength	449-end a.a.
Description	Phosphodiesterase 10A is an enzyme that in humans is encoded by the PDE10A gene.
Purity	>80%.
Application	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Formulated In	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 30% glycerol, and 3 mM DTT.
Stability	>6 months at –80°C.

GENE INFORMATION

Gene Name	Pde10a phosphodiesterase 10A [Rattus norvegicus]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

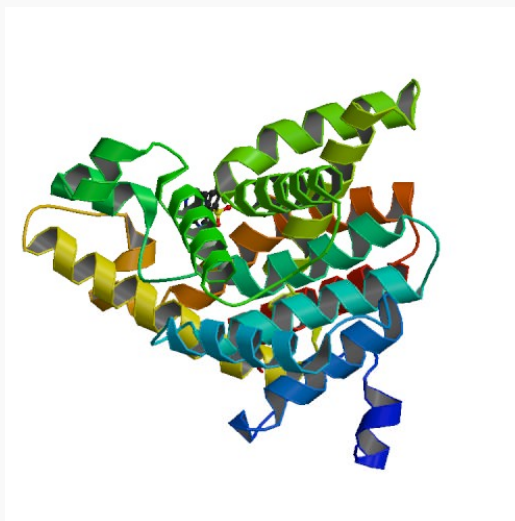
Synonyms	Pde10a; phosphodiesterase 10A; Pde10a3; testis-specific phosphodiesterase PDE10A2
Gene ID	63885
mRNA Refseq	NM_022236
Protein Refseq	NP_071572
UniProt ID	Q9QYJ6
Chromosome Location	1q11
Pathway	Progesterone-mediated oocyte maturation; Purine metabolism
Function	3",5"-cyclic-GMP phosphodiesterase activity; 3",5"-cyclic-nucleotide phosphodiesterase activity; cGMP binding; cAMP binding; cyclic-nucleotide phosphodiesterase activity; drug binding

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