

Recombinant Mouse Phosphodiesterase 10A, GST-tagged

Cat. No. Pde10a-438M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Pde10a, full length with N-terminal GST tag expressed in aBaculovirusinfected Sf9 cell expression system. MW = 114.5kDa.
Species	Mouse
Source	Sf9 Cells
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.
Full Length	Full L.

GENE INFORMATION

Gene Name	Pde10a phosphodiesterase 10A [Mus musculus]
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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

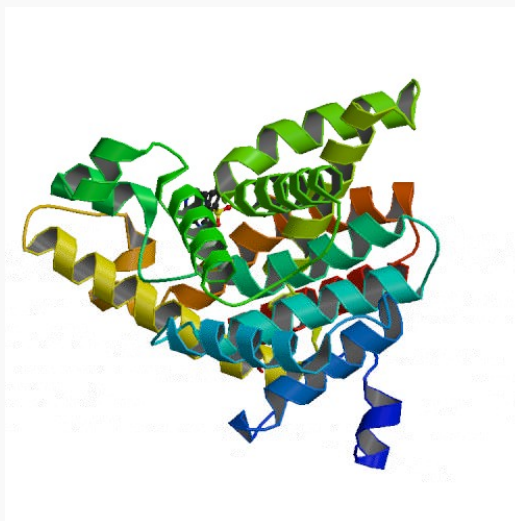
Synonyms	Pde10a; phosphodiesterase 10A; OTTMUSP00000024055; PDE10A2 brain-specific isoform; dual-substrate cAMP and cGMP, cyclic nucleotide phosphodiesterase; EC 3.1.4.17; EC 3.1.4.35
Gene ID	23984
mRNA Refseq	NM_011866
Protein Refseq	NP_035996
UniProt ID	Q8CA95
Chromosome Location	17 A1
Pathway	Progesterone-mediated oocyte maturation; Purine metabolism
Function	3",5"-cyclic-GMP phosphodiesterase activity; 3",5"-cyclic-nucleotide phosphodiesterase activity; cGMP binding; cAMP binding; catalytic activity; magnesium ion binding; nucleotide binding; zinc ion binding

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