



# Recombinant Mouse cGMP-specific 3',5'-cyclic phosphodiesterase (Pde5a), partial

<b>Product Code</b>	CSB-BP807017MO
<b>Abbreviation</b>	Pde5a
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8CG03
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MERAGPNSVR SQQQRDPDWV EAWLDDHRDF TFSYFIRKAT RDMVNAWFSE RVHNIPVCKE GIRAHTESCS CSLQQSPHAD NTTPGAPARK ISASEFDRPL RPIVVKDSEG TVSFLSDSGK KEQMPLTPPR FDSDEGDQCS RLLELVKDIS SHLDVTALCH KIFLHIHGLI SADRYSLFLV CEDSSKDKFL ISRLFDVAEG STLEEASNNC IRLEWNGKIV GHVAAFGEPL NIKDAYEDPR FNAEVDQITG YKTQSILCMP IKNHREEVVG VAQAINKKSG NGGTFTEKDE KDFAAYLAFG GIVLHNAQLY ETSLLENKRN QVLLDLASLI FEEQQSLEVI LKKIAATIIS FMQVQKCTIF IVDEDCPDSF SRVFHMECEE VGKPSDPLTR EQDANKINYM YAQYVKNTME PLNIPDVTKD KRFPWTNENM GHVNTPCIGS LLCTPIKNGK KNKVIGVCQL VNKMEENTGK IKAFNQNDEQ FLEAFVIFCG LGIQNTQMYE AVERAMAKQM VTLEVLSYHA SAAEEETREL QALSAAVVPS AQTLKITDFS FPDFELSDLE TALCTIRMFT DLNLVQNFQM KHEVLCRWIL SVKKNYRKNV AYHNWRHAFN TAQCMFAALK AGKIQNKLTLD LETLALLIAA LSHDLDRGV NNSYIQRSEH PLAQLYCHSI MEHHHFDQCL MILNSPGNQI LSGLSIDEYK TTLKIKQAI LATDLALYIK RRGEFFELIR KNQFSFEDPL QKELFLAMLM TACDLSAITK PWPIQQRIAE LVAAEFFDQG DRERKELNME PADLMNREKK NKIPSMQVGF IDAICLQLYE ALTHVSEDCL PLLDGCRKNR QKWQALAEQQ EKMLLNGESS QGKRD
<b>Source</b>	Baculovirus
<b>Target Names</b>	Pde5a
<b>Protein Names</b>	Recommended name: cGMP-specific 3',5'-cyclic phosphodiesterase EC= 3.1.4.35 Alternative name(s): cGMP-binding cGMP-specific phosphodiesterase Short name= CGB-PDE
<b>Expression Region</b>	1-865
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.

**Protein Length**

Partial

**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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