



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

Product Code	CSB-EP807017MO-B
Abbreviation	Pde5a
Storage	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.
Uniprot No.	Q8CG03
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	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 KDFAAYL AFC 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 AGKIQNKLTD LETLALLIAA LSHDLDRGV NNSYIQRSEH PLAQLYCHSI MEHHHFDQCL MILNSPGNQI LSGLSIDEYK TTLKIIKQAI LATDLALYIK RRGEFFELIR KNQFSFEDPL QKELFLAMLM TACDLSAITK PWPIQQRIAE LVAAEFFDQG DRERKELNME PADLMNREKK NKIPSMQVGF IDAICLQLYE ALTHVSEDCL PLLDGCRKNR QKWQALAEQQ EKMLLNGESS QGKRD
Source	E.coli
Target Names	Pde5a
Protein Names	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
Expression Region	1-865
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	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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