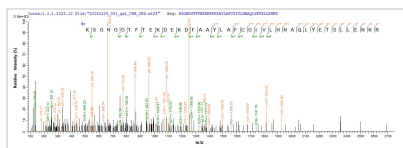




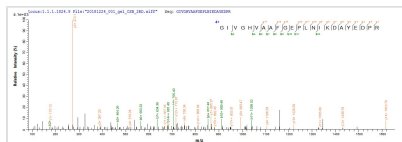
Recombinant Mouse cGMP-specific 3,5-cyclic phosphodiesterase (Pde5a), partial

Product Code	CSB-EP807017MO
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
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DVTALCHKIFLHIHGLISADRYSLFLVCESSKDKFLISRLFDVAEGSTLEEASNN CIRLEWNGKIGIVGHVAAFGEPLNIKDAYEDPRFNAEVDQITGYKTQSILCMPKIN HREEVVGVAQAINKKSGNGGTFTEKDEKDFAAAYLAFCGIVLHNAQLYETSLLE NKRN
Research Area	Cancer
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	154-320aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	26.1 kDa
Protein Length	Partial

Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP807017MO could indicate that this peptide derived from E.coli-expressed Mus musculus (Mouse) Pde5a.



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Description

Unleash the potential of your cancer research with our Recombinant Mouse Pde5a, also known as cGMP-specific 3',5'-cyclic phosphodiesterase. This protein, recombinantly produced in E.coli, stands as a pivotal tool for exploring the multifaceted mechanisms of cancer biology.

With a partial length (154-320aa), this product comes with a dual tag - N-terminal 10xHis-tag and C-terminal Myc-tag, ensuring streamlined purification and enhanced stability. Our Pde5a maintains a stringent purity standard of greater than 90% as determined by SDS-PAGE. Select the liquid form for immediate experimentation, or the lyophilized powder for extended stability and convenience, and propel your research to new heights.

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

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.