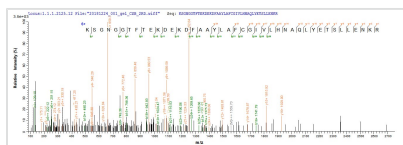




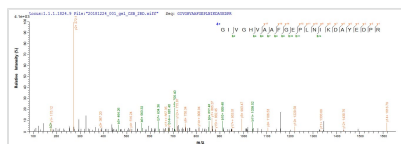
# Recombinant Mouse cGMP-specific 3,5-cyclic phosphodiesterase (Pde5a), partial

<b>Product Code</b>	CSB-EP807017MO
<b>Abbreviation</b>	Recombinant Mouse Pde5a protein, partial
<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>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	DVTALCHKIFLHIHGLISADRYSLFLVCEDSSKDKFLISRLFDVAEGSTLEEASNN CIRLEWNGKIVGHVAAFGEPLNIKDAYEDPRFNAEVDQITGYKTQSILCMPKIN HREEVVGVAQAINKKSGNGGTFTEKDEKDFAAAYLAFCGIVLHNAQLYETSLLE NKRN
<b>Research Area</b>	Cancer
<b>Source</b>	E.coli
<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>	154-320aa
<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>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	26.1 kDa
<b>Protein Length</b>	Partial

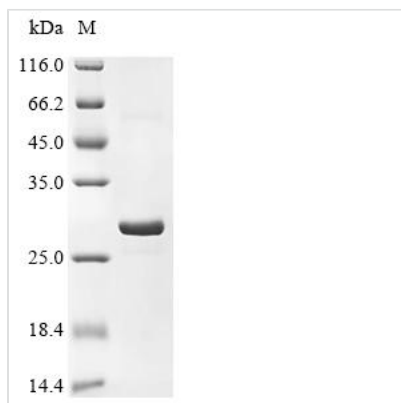
## Image



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.



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.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## 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.