







## Recombinant Mouse Serine protease inhibitor Kazal-type 2 (Spink2)

Product Code         CSB-EP806409MO           Relevance         Inhibits trypsin in a dose-dependent manner. Required for maintenance of normal spermatogenesis. May be involved in regulating serine protease-dependent germ cell apoptosis.           Abbreviation         Recombinant Mouse Spink2 protein           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. The shelf life of lyophilized form is 12 months at -20°C/-80°C.           Uniprot No.         Q8BMY7           Product Type         Recombinant Protein           Immunogen Species         Mus musculus (Mouse)           Purity         Greater than 85% as determined by SDS-PAGE.           Sequence         HETLDSSDSQIMKRSQFRTPDCGHFDFPACPRNLNPVCGTDMNTYSNECTLC MKIREDGSHINIIKDEPC           Research Area         Cell Biology           Source         E.coli           Target Names         Spink2           Protein Names         Recommended name: Serine protease inhibitor Kazal-type 2           Expression Region         17-86aa           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         <	Inhibits trypsin in a dose-dependent manner. Required for maintenance of normal spermatogenesis. May be involved in regulating serine protease-dependent germ cell apoptosis.  Abbreviation Recombinant Mouse Spink2 protein  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. Q8BMY7  Product Type Recombinant Protein  Immunogen Species Mus musculus (Mouse)  Purity Greater than 85% as determined by SDS-PAGE.  Sequence HETLDSSDSQIMKRSQFRTPDCGHFDFPACPRNLNPVCGTDMNTYSNECTLC MKIREDGSHINIIKDEPC  Research Area Cell Biology  Source E.coli  Target Names Spink2  Protein Names Recommended name: Serine protease inhibitor Kazal-type 2  Expression Region 17-86aa  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 Full Length of Mature Protein		
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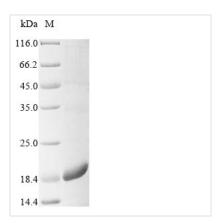
## **CUSABIO TECHNOLOGY LLC**



🕜 Tel: +1-301-363-4651 💢 Email: cusabio@cusabio.com 🥥 Website: www.cusabio.com 🌘







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

## 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.