



# Recombinant Mouse Pigment epithelium-derived factor (Serpinf1)

<b>Product Code</b>	CSB-BP021084MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P97298
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>Q NVPSSSEGSP VPDSTGEPVE EEDPFFKVPV NKLAAAVSNF  GYDLYRLRSS ASPTGNVLLS PLSVATALSA LSLGAEHRTE SVIHRALYYD  LITNPDIHST YKELLASVTA PEKNLKSASR IVFERKLRVK SSFVAPLEKS  YGTRPRILTG NPRVDLQEIN NWWQAQMKGK IARSTREMPS ALSILLGVA  YFKGQWVTKF DSRKTTLQDF HLDEDRTVRV PMMSDPKAIL RYGLDSDLNC  KIAQLPLTGS MSIIFLPLT VTQNLTMIEE SLTSEFIHDI DRELKTIQAV  LTVPKLKLSF EGELTKSLQD MKLQSLFESP DFSKITGKPV KLTQVEHRAA  FEWNEEGAGS SPSPGLQPVR LTFPLDYHLN QPFLFVLRDT DTGALLFIGR  ILDPSST</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	Serpinf1
<b>Protein Names</b>	Recommended name: Pigment epithelium-derived factor Short name= PEDF Alternative name(s): Caspin Serpin F1 Stromal cell-derived factor 3 Short name= SDF-3
<b>Expression Region</b>	20-417
<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.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</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.