



Recombinant Mouse Pigment epithelium-derived factor (Serpinf1)

Product Code	CSB-EP021084MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P97298
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	Q NVPSSSEGSP VPDSTGEPVE EEDPFFKVPV NKLAAAVSNF GYDLYRLRSS ASPTGNVLLS PLSVATALSA LSLGAEHRTE SVIHRALYYD LITNPDIHST YKELLASVTA PEKNLKSASR IVFERKLRVK SSFVAPLEKS YGTRPRILTG NPRVDLQEIN NWWQAQMKGK IARSTREMPS ALSILLLGVA YFKGQWVTKF DSRKTTLQDF HLDEDRTVRV PMMSDPKAIL RYGLDSDLNC KIAQLPLTGS MSIIFLPLT VTQNLTMIEE SLTSEFIHDI DRELKTIQAV LTVPKLKLSF EGELTKSLQD MKLQSLFESP DFSKITGKPV KLTQVEHRAA FEWNEEGAGS SPSPGLQPVR LTFPLDYHLN QPFLFVLRDT DTGALLFIGR ILDPSST
Source	E.coli
Target Names	Serpinf1
Protein Names	Recommended name: Pigment epithelium-derived factor Short name= PEDF Alternative name(s): Caspin Serpin F1 Stromal cell-derived factor 3 Short name= SDF-3
Expression Region	20-417
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	Full Length of Mature Protein
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.