

PEDF, mouse recombinant

CATALOG #:	7572-10	10 µg
ALTERNATE NAMES:	Pigment Epithelium-derived Factor; Stromal Cell-derived Factor 3; Serpin F1; Caspin	
SOURCE:	CHO cells	
PURITY:	≥ 95% by SDS-PAGE gel	
MOL. WEIGHT:	~47.0 kDa. Mouse PEDF (aa 20-417) is fused at the C-terminus to a FLAG®-tag.	
ENDOTOXIN LEVEL:	<0.1 EU/µg purified protein (LAL test; Lonza).	
FORM:	Lyophilized	
FORMULATION:	Lyophilized in PBS.	
RECONSTITUTION:	Reconstitute with 100 µl sterile distilled water.	
STORAGE CONDITIONS:	Prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles.	

DESCRIPTION: Pigment epithelium-derived factor (PEDF) is a 47 kDa secreted glycoprotein that belongs to the non-inhibitory serpin family group. PEDF is widely expressed in adult and fetal tissues, including brain, spinal cord, plasma, bone, prostate, pancreas, heart and lung. PEDF acts as an angiogenesis inhibitor with neurotrophic, immunomodulation and antitumor properties. It functions as anti-angiogenic agent by counterbalancing the proangiogenic effect of VEGF. PEDF is one of the most abundant proteins released by adipocytes and induces insulin resistance in adipocytes and human skeletal muscle cells. Recently, it has been reported that PEDF is sufficient to maintain the self-renewal of pluripotent human embryonic stem cells.

RELATED PRODUCTS:

- PEDF, human recombinant (**Cat. No. 4988-20, -100, -1000**)
- Human CellExp™ SERPIN F1, human recombinant (**Cat. No. 7418-10, -50**)
- Human CellExp™ SERPINA3, human recombinant, (**Cat. No. 7419-10**)
- Human CellExp™ SERPINA1 /A1AT, human recombinant, (**Cat. No. 7235-10**)
- Human CellExp™ SERPINA8, human recombinant, (**Cat. No. 7236-10**)
- Serpin E1/PAI-1, human recombinant, (**Cat. No. 4731-10, -100, -1000**)
- Serpin A6 Antibody (**Cat. No. 3906-100**)
- Serpin A6 Blocking Peptide (**Cat. No. 3906BP-100**)
- Neuroserpin, human recombinant, (**Cat. No. 7181-10, -50**)

FOR RESEARCH USE ONLY! Not to be used in humans.

