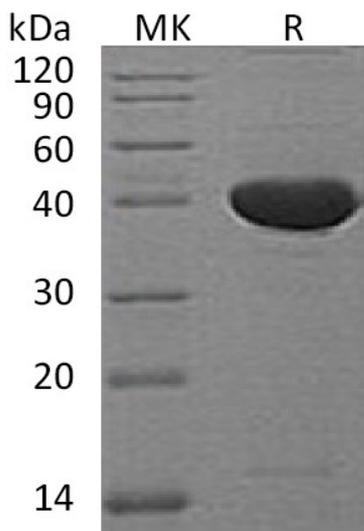


## Summary

<b>Name</b>	Serpin F1/PEDF/Pigment epithelium-derived factor
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/ $\mu$ g as determined by LAL test.
<b>Construction</b>	Recombinant Mouse Serine Protease Inhibitor-clade F1 is produced by our E.coli expression system and the target gene encoding Asp43-Thr417 is expressed.
<b>Accession #</b>	P97298
<b>Host</b>	E.coli
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	42 KDa
<b>Formulation</b>	Supplied as a 0.2 $\mu$ m filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at $\leq$ -70°C, stable for 6 months after receipt. Store at $\leq$ -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



**Product Name: Recombinant Mouse Serpin F1**  
**Catalog #: PEM1514**

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### **Alternative Names**

Pigment epithelium-derived factor; Pedf; Sdf3; Caspin; Serpin F1; Stromal cell-derived factor 3

### **Background**

Serpin F1 is secreted Neurotrophic protein and belongs to the serpin family. Serpin F1 Highly expressed in the liver, gastric glandular mucosa and renal tubules. It is also expressed in the brain, heart, lung retina and testes. It induces extensive neuronal differentiation in retinoblastoma cells. It is potent inhibitor of angiogenesis. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, exhibits no serine protease inhibitory activity.

### **Note**

For Research Use Only , Not for Diagnostic Use.