

Recombinant Mouse Serpin F1

Catalog No: CG77

Description	Recombinant Mouse Serine Protease Inhibitor-clade F1 is produced by our E.coli expression system and the target gene encoding Asp43-Thr417 is expressed.
Source	E. coli
Alternative name	Pigment epithelium-derived factor; Pedf; Sdf3; Caspin; Serpin F1; Stromal cell-derived factor 3.
Accession No.	P97298
Predicted Molecular Weight	42kDa
AP Molecular Weight	40kDa, reducing conditions.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

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.

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