

## Recombinant Mouse SERPINF1 Protein

Catalog #	Source	Reactivity	Applications
CRP2288	E. coli	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse SERPINF1 Protein is produced by our E. coli expression system and the target gene encoding Asp43-Thr417 is expressed.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	SERPINF1		
<b>Alternative Names</b>	PEDF; Pigment epithelium-derived factor; PEDF; Cell proliferation-inducing gene 35 protein; EPC-1; Serpin F1		
<b>Entrez Gene</b>	20317 (Mouse)		
<b>SwissProt</b>	P97298 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MDPFFKVPVN KLAAAVSNFG YDLYRLRSSA SPTGNVLLSP LSVATALSAL SLGAEHRTES VIHRALYDL ITNPDIHSTY KELLASVTAP EKNLKSASRI VFERKLRVKS SFVAPLEKSY GTRPRILTGN PRVDLQEINN WVQAQMKGKI ARSTREMP SA LSILLGVAY FKGQWVTKFD SRKTTLQDFH LDEDRTVRVP MMSDPKAILR YGLDSDLNCK IAQLPLTGSM SIIFFLPLTV TQNLTMIEES LTSEFIHDID RELKTIQAVL TVPKLKSFE GELTKSLQDM KLQSLFESPD FSKITGKPVK LTQVEHRAAF EWNEEGAGSS PSPGLQPVRL TFPLDYHLNQ PFLFVLRD TD TGALLFIGRI LDPSST		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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