

Product Data Sheet

Recombinant Mouse SERPINF1 Protein

Catalog #	Source	Reactivity	Applications
CRP2288	E. coli	M	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse SERPINF1 Protein is produced by E. coli expression system and the target gene encoding Asp43-Thr417 is expressed.		
Form	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	SERPINF1		
Alternative Names	PEDF; Pigment epithelium-derived factor; PEDF; Cell proliferation-inducing gene 35 protein; EPC-1; Serpin F1		
Entrez Gene	20317 (Mouse)		
SwissProt	P97298 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MDPFFKVPVN KLAAAVSNFG YDLYRLRSSA SPTGNVLLSP LSVATALSAL SLGAEHRTES VIHRALYYDL ITNPDIHSTY KELLASVTAP EKNLKSASRI VFERKLRVKS SFVAPLEKSY GTRPRILTGN PRVDLQEINN WVQAQMKGKI ARSTREMPSA LSILLGVAY FKGQWVTKFD SRKTTLQDFH LDEDRTVRVP MMSDPKAILR YGLDSDLNCK IAQLPLTGSM SIIFFLPLTV TQNLTMIEES LTSEFIHDID RELKTIQAVL TVPKLKLSFE GELTKSLQDM KLQSLFESPD FSKITGKPVK LTQVEHRAAF EWNEEGAGSS PSPGLQPVRL TFPLDYHLNQ PFLFVLRD TD TGALLFIGRI LDPSST		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be		
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			

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com