



[Go to Product page](#)

Datasheet for ABIN7535938
PEDF Protein (His tag)

Overview

Quantity:	100 µg
Target:	PEDF (SERPINF1)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEDF protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Serpin F1 Protein
Sequence:	QNVPSSEGS PVPDSTGEPV EEEDPFFKVP VNKLAAAVSN FGYDLYRLRS SASPTGNVLL SPLSVATALS ALSLGAEHRT ESVIHRALYY DLITNPDIHS TYKELLASVT APEKNLKSAS RIVFERKLRV KSSFVAPLEK SYGTRPRILT GNPRVDLQEI NNWVQAQMKG KIARSTREMP SALSILLGV AYFKGQWVTK FDSRKTTLQD FHLDEDRTVR VPMMSDPKAI LRYGLDSDLN CKIAQLPLTG SMSIIFLPL TVTQNLTMIE ESLTSEFIHD IDRELKTIQA VLTVPKLLS FEGELTKSLQ DMKLQSLFES PDFSKITGKP VKLTQVEHRA AFEWNEEGAG SSPSPGLQPV RLTFPLDYHL NQPFLFVLRD TDTGALLFIG RILDPSST
Specificity:	Gln20-Thr417
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target: PEDF (SERPINF1)

Alternative Name: Serpin F1 ([SERPINF1 Products](#))

Background: Description: The protein is a member of the serpin family, although it does not display the serine protease inhibitory activity shown by many of the other serpin family members. The encoded protein is secreted and strongly inhibits angiogenesis. In addition, this protein is a neurotrophic factor involved in neuronal differentiation in retinoblastoma cells.

Name: EPC-1,OI12,OI6,PEDF,PIG35,SerpinF1

Gene ID: 20317

UniProt: [P97298](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.