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Product Datasheet

Recombinant Human Pigment Epithelium-derived Factor (rHuPEDF) BWT-PR1108

Article Name	Recombinant Human Pigment Epithelium-derived Factor (rHuPEDF)
Biozol Catalog Number	BWT-PR1108
Supplier Catalog Number	PR1108
Alternative Catalog Number	BWT-PR1108-5UG,BWT-PR1108-20UG,BWT-PR1108-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	PEDF is a noninhibitory serpin with neurotrophic, anti-angiogenic, and anti-tumorigenic properties. It is a 50 kDa glycoprotein produced and secreted in many tissues throughout the body. A major component of the anti-angiogenic action of PEDF is the ...
Molecular Weight	Approximately 44.5 KDa, a single non-glycosylated polypeptide chain containing 400 amino acids.
Source	Escherichia coli.
Purity	>95% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MQNPASPPEEGSPDPDSTGALVEEEDPFFKVPVNKLAAAVSNFGYDLYRVRS SMSPTTNVLLSPLSVATALSALSLGAEQRTESIIHRALYYDLISSPDIHGTYKELL DTVTA PQKNLKSASRIVFEKKLRIKSSSFVAPLEKSYGTRPRVLTGNPRLDLQEIN NWWQAQMKGKLARSTKEIPDEISILLGVAHFKGQWVTKFDSRKTSLEDIFYLD EERTVRVPMMSDPKAVLRYGLDSDLCKIAQLPLTGSM
Formula	Lyophilized from a 0.2mm filtered concentrated solution in 20mM PB, pH7.4, 150mM NaCl.

Application Notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20C. Further dilutions should be made in appropriate buffered solutions.