

Product Datasheet

Human Pigment Epithelium-derived Factor (rHuPEDF) (orb1494943)

Description	PEDF is a noninhibitory serpin with neurotrophic, anti-angiogenic, and anti-tumorigenic properties. ...
Endotoxins	Less than 1EU/mg of rHuPEDF as determined by LAL method.
Preservatives	Lyophilized from a 0.2mm filtered concentrated solution in 20mM PB, pH 7.4, 150mM NaCl.
Form/Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Storage	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.
Note	For research use only
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 -20°C. Further dilutions should be made in appropriate buffered solutions.
Protein Sequence	MQNPASPPEEGSPDPDSTGALVEEEDPFFKVPVNKLA AA VSNFGYDLYRVRSSM SPTTNVLLSPLSVATALSALS LGAEQRTE SIIHRALYYDLISSPDIHGTYKELLDTVT APQKNLKSASRIVFEKKLRIKSSFVAPLEKSYGTRPRVLTGNPRLDLQEINNWWQA QMKGKLARSTKEIPDEISILLGLVAHFKGQWVTKFDSRKTSLDFYLDEERTVRVP MMSDPKAVLRYGLDSDLCKIAQLPLTGSM SIIFFLPLKVTQNLTLIEESLTSEFIH DIDRELKTVQAVLTVPKLKLSYEGEVTKSLQEMKLQSLFDSPDFSKITGKPIKLTQV EHRAGFEWNEDGAGTTPSPGLQPAHLTFPLDYHLNQPFIFVLRD TDTGALLFIGK ILDPRGP
Source	Escherichia coli.
MW	Approximately 44.5 KDa, a single non-glycosylated polypeptide chain containing 400 amino acids.
Expiration Date	6 months from date of receipt.