



本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PEDF, 20-418 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03347

第三版

别名: Pigment epithelium-derived factor, EPC-1, PIG35, SERPINF1.

描述: PEDF, also known as SERPINF1, is an extracellular neurotrophic agent, first identified as a secreted product in conditioned medium from cultured fetal human retinal pigment epithelial (RPE) cells. It was reported that PEDF isolated from medium conditioned by human fetal RPE primary cultures promotes neurite outgrowth in cultured human retinoblastoma Y-79 cells. PEDF is also a member of the serpin family, a group of serine protease inhibitors.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol.

分子量: 46.7 kDa (420 aa)

序列:

MGSSHHHHHHSSGLVPRGSHMQNPASPPEEGSPDPDSTGALVEEEDPFFKVPVNLKAAA VSNFGYDLYRVRSSMSPTTNV  
LLSPLSVATALSALSLGAEQRTESIIHRALYYDLISSPDIHGTYKELLDVTAPQKNLKSASRIVFEKKLRIKSSFVAPLEKSYGTR  
PRVLTGNPRLDLQEINNWWQAQMKGKRLARSTKEIPDEISILLGVAHFQGWVTKFDSRKTSLDFYLDEERTVRVPMMS  
DPKAVLRYGLSDLSCKIAQLPLTGSMSSIIFFLPLKVTQNLTLIEESLTSEFIHDIDRELKTVQAVLTVPKLKLSEGEVTKSLQE  
MKLQSLFSDSPDFSKITGKPIKLTQVEHRAGFEWNEDGAGTTPSPGLQPAHLTFPLDYHLNQPFIFVLRD TDTGALLFIGKIL  
DPRGP

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.