



Catalog Number: PR27157

Product Type: Recombinant Protein

Source: *E.Coli*

Amino Acid Sequence: MQNPASPPEEGSPDPDSTGALVEEEDPFFKV/PV NKLA AAVSNFGYDLYRVR
SSMSPTTNVLLSPLSVATALSALS LGAEQRTEIIHRALYYDLISSPDIHGTYK
ELLDTVTAPQKNLKSASRIVFEKLRKSSFVAPLEKSYGTRPRVLTGNPRLD
LQEI NNWVQAQMKGKLARSTKEIPDEISILLGVAHFQGWVTKFDSR KTS
LEDFYLD EERTVRVPMMSDPKAVLRYGLSDLSCKIAQLPLTGSM SIIFFLPL
KVTQNLTLIEESLTSEFIHDIDRELKTVQAVLTVPKLLSYEGEVTKSLQEMKL
QSLFDSPDFSKITGKPIKLTQVEHRAGFEWNEDGAGTTPSPGLQPAHLTFPL
DYHLNQPFIFVLRD TDTGALLFIGKILDPRGP.

Description/Molecular Mass: PEDF Human Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 400 amino acids and having a molecular mass of 44.5 kDa. The Human PEDF is purified by proprietary chromatographic techniques.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Format: The sterile filtered concentrated (1mg/ml) protein solution was lyophilized with 20mM PBS & 150mM NaCl pH-7.4.

Reconstitution: Add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely.

Storage: Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. The lyophilized CTGF remains stable until the expiry date when stored at -20°C.

FOR RESEARCH USE ONLY

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