

Recombinant Pigment Epithelium Derived Factor (PEDF)

Catalog No.: TP09015

50µg

Sequence Information

Species: Rat

Gene ID:287526

Swiss Prot:Q80ZA3

Synonyms:SERPINF1; EPC1; PIG35; SDF3;

Serpin F1; Cell proliferation-inducing
gene 35; Serpin Peptidase

Inhibitor,Clade F Member 1(Alpha-2

Antiplasmin); Stromal Cell Derived

Factor 3

Residues:Gln20~Thr418

QNVPDSSQDSPAPDSTGEPVVEEDDPFFKAPVNKLA AAVSNFGYDLYRLRSGAV
STGNILLSPLSVATALSALS LGAEQRTESVIHRALYYDLINNPDIHSTYKELLA
SVTAPEKNFKSASRIVFERKLRVKSSFVAPLEKSYGTRPRILTGNPRIDLQEIN
NWWQAQMKGKIARSTREMP SALSILL LGVAYFKGWATKFDSRKTTLQDFHLDE
DRTVRVPMMSDPKAILRYGLSDLNCKIAQLPTGSM SIIFFLPLTVTQNL TMI
EESLTSEFVHDIDRELKTIQAVLTVPKLKLSYEGDVTNSLQDMKLQSLFESPDF
SKITGKPVKLTQVEHRAAFEWNEEGAGTSSNPDLQPVR LTFPLDYHLNRPPIFV
LRD TDTGALLFIGRILDPSST

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: Two N-terminal Tags, His-tag and SUMO-tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.0

Predicted Molecular Mass: 58.2kDa

Accurate Molecular Mass: 58kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

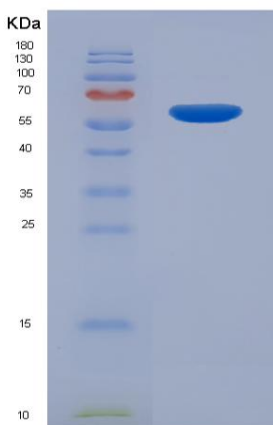


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.