SunLong Biotech Co.,LTD
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Recombinant Pigment Epithelium Derived Factor (PEDF)

Catalog Number: SIPB374Bo01 **Spec: 50ug**

Product Name	Recombinant Pigment Epithelium Derived Factor (PEDF)
Catalog Number	SIPB374Bo01
Organism Species	Cattle
Source	Prokaryotic expression
Host	E.coli
Residues	Ser33~Thr416
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
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	7.0
Predicted Molecular Mass	46.6kDa
Accurate Molecular Mass	44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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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.

[SEQUENCE]

STGAPVEE EDPFFKVPVN
KLAAAVSNFG YDLYRVRSGE SPTANVLLSP LSVATALSAL SLGAEQRTES
NIHRALYYDL ISNPDIHGTY KDLLASVTAP QKNLKSASRI IFERKLRIKA
SFIPPLEKSY GTRPRILTGN SRVDLQEINN WVQAQMKGKV ARSTREMPSE
ISIFLLGVAY FKGQWVTKFD SRKTSLEDFY LDEERTVKVP MMSDPQAVLR
YGLDSDLNCK IAQLPLTGST SIIFFLPQKV TQNLTLIEES LTSEFIHDID
RELKTVQAVL TIPKLKLSYE GELTKSVQEL KLQSLFDAPD FSKITGKPIK
LTQVEHRVGF EWNEDGAGTN SSPGVQPARL TFPLDYHLNQ PFIFVLRDTD
TGALLFIGKI LDPRGT

[IDENTIFICATION]

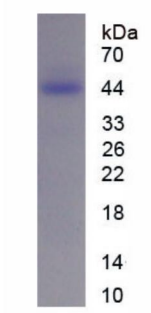


Figure. SDS-PAGE

[IMPORTANT NOTE]

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