

Recombinant Platelet Derived Growth Factor C (PDGFC) Instruction Manual

SIPC327Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Nucleus, Cytoplasm, Chromosome
Predicted Molecular Mass	40.2kDa
Accurate Molecular Mass	40kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu23~Gly345 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ESNLSSKL QLSSDKEQNG VQDPRHERVV  
TISGNNGSIHS PKFPHTYPRN MVLVWRLVAV DENVRIQLTF DERFGLEDPE  
DDICKYDFVE VEEPSDGSVL GRWCGSGTVP GKQTSKGNHI RIRFVSDEYF  
PSEPGFCIHY SIIMPQVTET TSPSVLPPSS LSLDLLNNAV TAFSTLEELI  
RYLEPDRWQV DLDSLYKPTW QLLGKAFLYG KKSQVNLNL LKEEVKLYSC  
TPRNFSVSIR EELKRTDTIF WPGCLLVKRC GGNCACCLHN CNECQCVRK  
VTKKYHEVLQ LRPKTGVKGL HKSLTDVALE HHEECDVCR GNAGG
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USAGE

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

STORAGE

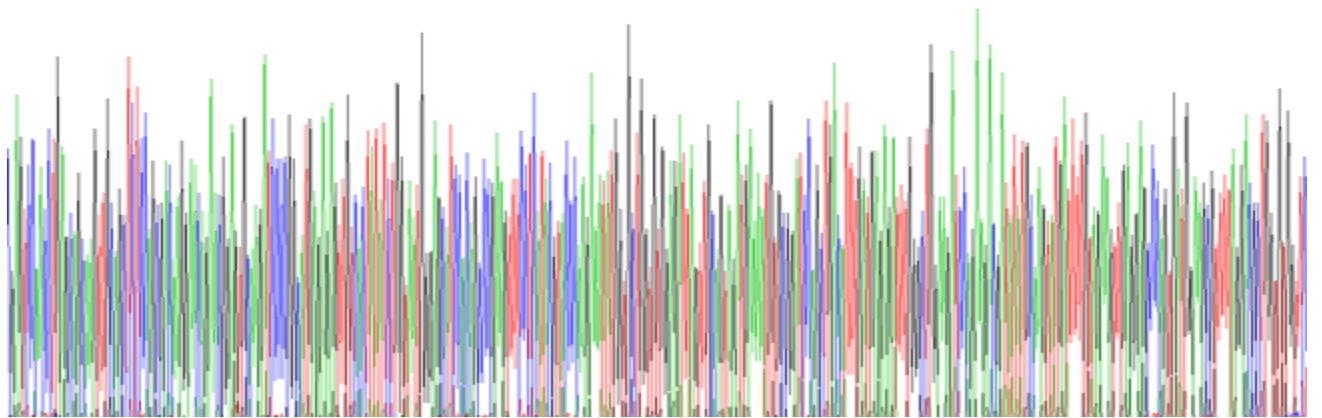
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

ESNLSKIQLSDDKEQNGVQDPRHERVVTISGNGSIRSPKFPHTYPRNMYLVVELVAVDENVRIQLTFDERFGLDPEDDICKYDFVETEPEPSDGSVIGRVCGS



SDS-PAGE Image

[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.