

Recombinant Growth Differentiation Factor 5 (GDF5)

Catalog No.: TP02223

100µg

Sequence Information

Species: Mouse

Gene ID:14563

Swiss Prot:P43027

Synonyms:Growth/differentiation factor 5
precursor, bp, brp, Cdm-p-1

Residues:Gln358~Arg495

QDDKTVYEYLF SQRRKRRAPLANRQGKRPSK NLKARCSRKALHVNFKDMGWDDW

IIAPLEYEAFHCEGLCEFP LRS HLEPTN HAVIQ TLMNSMDPESTPPTCCVPTRL

SPISILFIDSANNVVKQYEDMVVESCGR

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-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: 8.1

Predicted Molecular Mass: 22.7kDa

Accurate Molecular Mass: 26kDa 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

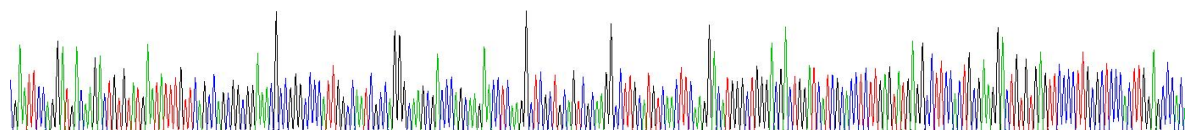
[illegible]

Figure 1. Gene Sequencing (Extract)

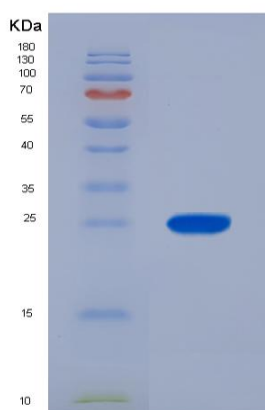


Figure 2. SDS-PAGE

[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.