

武汉天德生物科技有限公司 Wuhan Tanda Biotechnology Co., Ltd

Recombinant Interleukin 4 (IL4)

Catalog No.: TD-TP02600 50µg

Sequence Information

Species: Human Gene ID:3565

Swiss Prot:P05112 Synonyms:BSF1; BCGF1 ;B Cell Stimulatory

Factor 1; Lymphocyte stimulatory factor

1; B Cell Growth Factor; Binetrakin;

Pitrakinra

Residues: His 25~Ser 153

HKCDITLQEIIKTLNSLTEQKTLCTELTVTDIFAASKNTTEKETFCRAATVLRQ

FYSHHEKDTRCLGATAQQFHRHKQLIRFLKRLDRNLWGLAGLNSCPVKEANQST

LENFLERLKTIMREKYSKCSS

Product Information

Source: Prokaryotic expression.

Host: E. coli

Tags: N-terminal His Tag

Subcellular Location: Secreted.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.

Original Concentration: 300µg/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: 9.3

Predicted Molecular Mass: 18.7kDa

Accurate Molecular Mass: 17kDa 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.

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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]

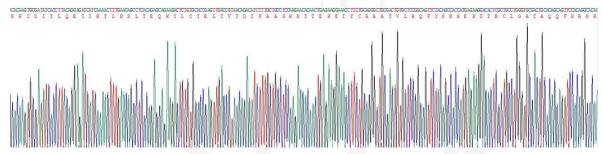


Figure 1. Gene Sequencing (Extract)

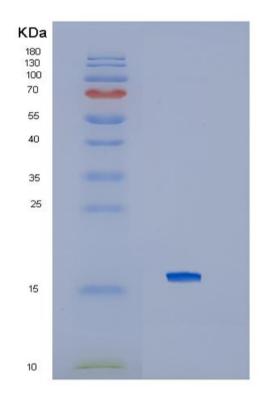


Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any



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issue if the kit was used in clinical diagnostic or any other procedures.

