

Recombinant mouse IL-6 protein

Catalog Number: ATGP2828

PRODUCT INFORMATION

Expression system

E.coli

Domain

25-211aa

UniProt No.

P08505

NCBI Accession No.

NP_112445

Alternative Names

Interleukin 6, IL-6, B-cell hybridoma growth factor, BSF, Interleukin HP-1

PRODUCT SPECIFICATION

Molecular Weight

24.0 kDa (208aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

IL6 is a cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. This protein plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation. Recombinant mouse IL6 protein, fused to His-tag at N-terminus, was expressed in E. coli

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH M>FPTSQVRRG DFTEDTTPNR PVYTTSQVGG LITHVLWEIV EMRKELCNGN

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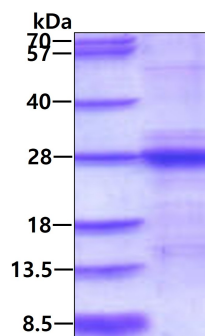
SDCMNND DAL AENNLKLPEI QRNDG CYQTG YNQEICLLKI SSG LLEYHSY LEYMKN NLKD NKKDKARVLQ RDTETLIHIF
NQE VKDLHKI VLPTPISNAL LTKLESQKE WLRTKTIQFI LKSLEEFLKV TLRSTRQT

General References

May L.T., et al. (1991) Cytokine 3:204-211

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.