



Recombinant Hepatocyte Growth Factor (HGF)

Catalog No.: TP10319 50µg

Sequence Information

Species: Human

Gene ID:3082

Swiss Prot:P14210

Synonyms:HGF; F-TCF; HGFB; HPTA; SF; Scatter Factor;

Hepapoinetin A; Fibroblast-Derived Tumor Cytotoxic Factor;

Lung Fibroblast-Derived Mitogen

Residues:Gln32-Ser728

QRKRRNTIHEFKKSAKTTLIKIDPALKIKTKKVNTADQCANRCTRNGKLPFTCKAFVFDKARKQCLWFPFNSMSSGVKKEFGHEFDLYENKDYIRNCI
IGKGRSYKGTVSITKSGIKCQPWSSMIPHEHSFLPSSYRGKDLQENYCRNPRGEEGGPWCFSTSNPEVRYEVCDDIPQCSEVECMTNNGESYRGLMDHTE
SGKICQRWDHQTPHRHKFLPERYPDKGFDDNYCRNPDGQPRPWCYTLDPHTRWEYCAIKTCADNTMNDTDVPLETTECIQGQGEYRGTVNTIWNIGIP
CQRWDSQYPHEHDMTPENFKCKDLRENYCRNPDGSESPWCFTTDPNIRVGYCSQIPNCDMSHGQDCYRGNKGNYMGNLSQTRSGLTCSMWDKNMEDLH
RHIFWEPDASKLNENYCRNPDDAHGPWCYTNPLIPWDYCPISRCEGDTTPTIVNLDHPVISCATKQLRVVNGIPTRTNIGWMVSLRYRNKHICGG
SLIKESWLTARQCFPSRDLKDYEAWLGIHDVHGRGDEKCKQVLNVSQLVYGPESDLVLMKLARPAVLDDFVSTIDLPNYGCTIPEKTSVYVYGGWY
TGLINYDGLLRVAHLYIMGNEKCSQHHRGKVTLNESIEICAGAEKIGSGPCEGDYGGPLVCEQHMRMVLGVIVPGRGCAIPNRPGI FVRVAYYAKWIH
KIILTYKVPQS

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags:N-terminal His

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation:PBS, pH7.4, containing 0.1% 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: 7.9

Predicted Molecular Mass: 83.0kDa

Accurate Molecular Mass: 83kDa 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 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]

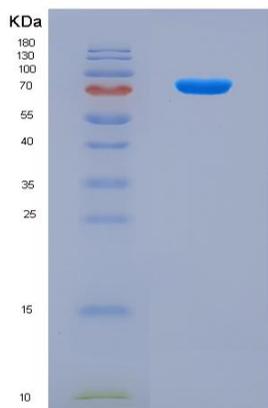


Figure 1. SDS-PAGE

[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.