HGF, Human CellExp™, human recombinant

CATALOG #: 6456-10 10 µg
6456-50 50 µg

ALTERNATE NAMES: Scatter Factor (SF), Hepatopoietin (HPTA), HGF, HGFB, F-TCF.

SOURCE: Human 293 Cell Expressed

PURITY: > 95% by SDS - PAGE

MOL. WEIGHT: 70 kDa, single chain, glycosylated

ENDOTOXIN LEVEL: < 1.0 EU per 1 µg of protein

FORMULATION: Lyophilized in solution of 10 mM Tris-HCl, pH 7.4, with 1 M NaCl.

RECONSTITUTION: Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

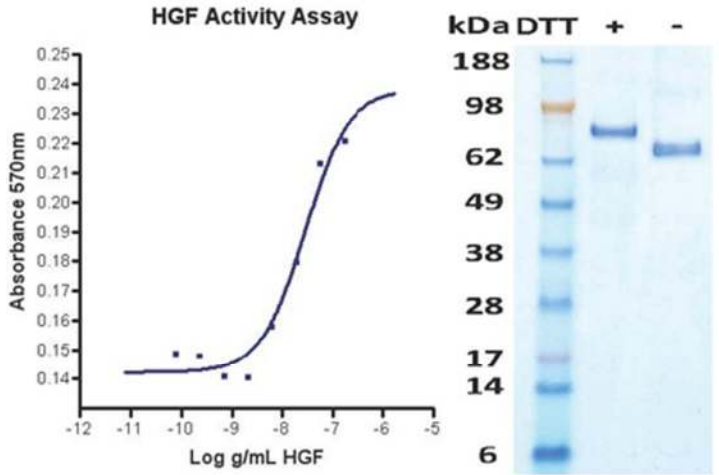
STORAGE CONDITIONS:
Aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

ADVANTAGES:

- Animal-derived product free
- High Activity
- Authentic Glycosylation

DESCRIPTION:
Hepatocyte Growth Factor (HGF) is a multifunctional growth factor which regulates both cell growth and cell motility. It exerts a strong mitogenic effect on hepatocytes and primary epithelial cells. HGF synergizes with Interleukin-3 and GM-CSF to stimulate colony formation of hematopoietic progenitor cells in vitro and may, therefore, also modulate hematopoiesis.

BIOLOGICAL ACTIVITY:
ED_{50} is typically 10 to 50 ng/mL. The specific activity was determined by the dose-dependent stimulation of the proliferation of the monkey epithelial cell line 4MBr-5.



Human Cell^{exp} Human Recombinant HGF

RELATED PRODUCTS:

- HGF, human recombinant **(Cat # 4509-10, -1000)**
- HGF, human recombinant **(Cat # 4510-10, -50, -1000)**
- Human Cell^{exp} Human Recombinant G-CSF **(Cat # 6453-10, -50)**
- Human Cell^{exp} Human Recombinant GM-CSF **(Cat # 6454-10, -50)**
- G-CSF, human recombinant **(Cat # 4094-10, -50, -1000)**
- G-CSF, murine recombinant **(Cat # 4095-10, -50, -1000)**
- GM-CSF, murine recombinant **(Cat # 4101-10, -100, -1000)**
- GM-CSF, Rat recombinant **(Cat # 4102-10, -100, -1000)**
- G-CSF Antibody **(Cat # 5094R-100)**
- G-CSF Blocking Peptide **(Cat # 5094RBP-50)**

FOR RESEARCH USE ONLY! Not to be used in humans.