

重组小鼠肝细胞生长因子(HGF)

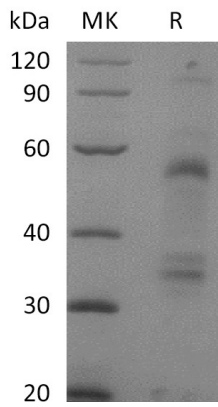
Hepatocyte Growth Factor, Mouse, Recombinant

Cat. No.: MA1352-1 Size: 10 μ g

Source:	Human Cells
Description:	Recombinant Mouse Hepatocyte Growth Factor is produced by our Mammalian expression system and the target gene encoding Gln33-Leu728 is expressed with a 6His tag at the C-terminus.
Accession:	Q08048
Known As:	Hepatopoietin-A; Scatter factor; SF; deafness; autosomal recessive 39; DFNB39; F-TCF; hepatocyte growth factor
Predicted Mol Mass:	53.5&26.9 KDa
Apparent Mol Mass:	32-38&51-59 KDa, reducing conditions
Endotoxin:	< 0.01 EU/ μ g as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.
Reconstitution:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Background:	HGF, is a pleiotropic protein in the Plasminogen subfamily of S1 peptidases. Mouse HGF is secreted as an inactive 728 amino acid (aa) single chain propeptide. It is cleaved after the fourth Kringle domain by a serine protease to form bioactive disulfide-linked HGF with a 60 kDa α and 30 kDa β chain. HGF binds heparan-sulfate proteoglycans and the widely expressed receptor tyrosine kinase, HGF R/c-MET. HGF regulates epithelial morphogenesis by inducing cell scattering and branching tubulogenesis. It can also alter epithelium morphology by the induction of nectin-1 α ectodomain shedding, an adhesion protein component of adherens junctions .



Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE.

