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## Product Datasheet

### Recombinant Mouse HGF (C-6His) EBT-EPT121

Article Name	Recombinant Mouse HGF (C-6His)
Biozol Catalog Number	EBT-EPT121
Supplier Catalog Number	EPT121
Alternative Catalog Number	EBT-EPT121-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Hepatocyte Growth Factor is produced by our Mammalian expression system and the target gene encoding Gln33Leu728 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 53.5&26.9 KDa. Apparent molecular weight: 32-38&51-59 KDa, reducing conditions
UniProt	<a href="#">Q08048</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.001 ng/ $\mu$ g (0.01 EU/ $\mu$ g) as determined by LAL test. 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 alpha and 30 kDa beta 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 alpha ectodomain shedding, an adhesion protein component of adherens junctions