

Product datasheet for **TP727080**

Hgf Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse HGF (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln33-Leu728
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	15234
UniProt ID:	Q08048
Summary:	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.



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