

Product datasheet for **TP727280**

HGF Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Hepatocyte Growth Factor/HGF/Hepatopoietin-A (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln32-Ser728
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 500mM NaCl, pH 8.0.
Note:	Recombinant Human Hepatocyte Growth Factor is produced by our Mammalian expression system and the target gene encoding Gln32-Ser728 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3082
UniProt ID:	P14210
Summary:	Hepatocyte growth factor/scatter factor (HGF/SF) is a paracrine cellular growth, motility and morphogenic factor. It belongs to the peptidase S1 family and Plasminogen subfamily, contains 4 kringle domains, 1 PAN domain and 1 peptidase S1 domain. HGF regulates cell growth, cell motility, and morphogenesis by activating a tyrosine kinase signaling cascade after binding to the proto-oncogenic c-Met receptor. HGF is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. Its ability to stimulate mitogenesis, cell motility, and matrix invasion gives it a central role in angiogenesis, tumorogenesis, and tissue regeneration.



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