

## HGF R/ c-Met/ HGFR, Human, Recombinant

货号 : PCK028

### 产品信息

别名	Hepatocyte Growth Factor Receptor; HGF Receptor; HGF/ SF Receptor; Proto-oncogene c-Met; Scatter factor Receptor; SF Receptor; Tyrosine- Protein kinase Met; MET
物种	Human
表达宿主	Human Cells
序列信息	Glu25-Thr932
检索号	P08581
分子量	102.5 kDa
标签	C-6His
生物活性	Immobilized Recombinant Human HGF-6His at 10µg/ml (100 µl/well) can bind Human HGF R-His*. Biotinylated by NHS-biotin prior to testing The ED50 of Recombinant HGF R-His* is 9.47 ug/ml.

### 产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per µg as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.



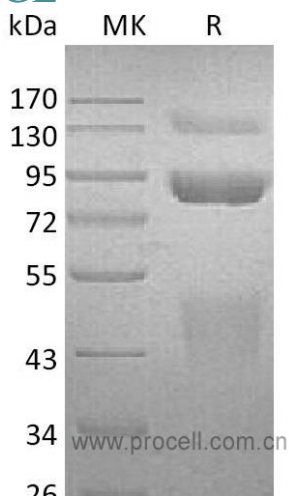
## 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

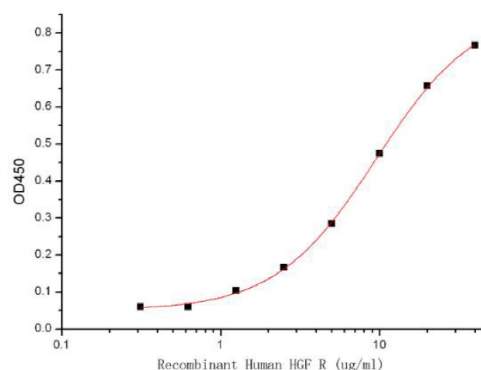
## 背景介绍

Hepatocyte Growth Factor Receptor (HGF R) is a glycosylated Receptor tyrosine kinase that plays a central role in epithelial morphogenesis and cancer development. HGF R is synthesized as a single chain precursor which undergoes cotranslational proteolytic cleavage. Mature HGF R is a disulfide-linked dimer composed of a 50 kDa extracellular  $\alpha$  chain and a 145 kDa transmembrane  $\beta$  chain. Proteolysis and alternate splicing generate additional forms of human HGF R which either lack of the kinase domain, consist of secreted extracellular domains, or are deficient in proteolytic separation of the  $\alpha$  and  $\beta$  chains. The sema domain, which is formed by both  $\alpha$  and  $\beta$  chains of HGF R, mediates both Ligand binding and Receptor dimerization. HGF stimulation induces HGF R downregulation via internalization and proteasome dependent degradation. Paracrine induction of epithelial cell scattering and branching tubulogenesis results from the stimulation of HGF R on undifferentiated epithelium by HGF released from neighboring mesenchymal cells.

## SDS-PAGE



## 生物活性



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