

HGF R/c-Met/HGFR (Glu25-Gly519), Human, Recombinant

货号: PCK027

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-Gly519

检索号 P08581

分子量 56.9 kDa

标签 C-6His

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.

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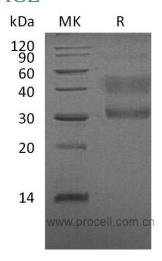
复融

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 waterPlease 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 disulfidelinked dimer composed of a 50 kDa extracellular α chain and a 145 kDa transmembrane β 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 α and β chains. The sema domain, which is formed by both α and β chains of HGF R, mediates both Ligand binding and Receptor dimerization. HGF stimulation induces HGF R downregulation via internalization and proteasomedependent 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



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