

## PRODUCT INFORMATION SUMMARY

### Mouse HGF

(Hepatocyte Growth Factor)

Purified Factor	Product Number	RC444262B	20.0 ug
	Product Number	RC444262A	5.0 ug

#### DESCRIPTION:

Mouse HGF (Hepatocyte Growth Factor) is a potent growth factor which acts to stimulate growth of mature hepatocytes and neuron survivability. HGF acts via the MET tyrosine kinase receptor pathway, and is important for liver regeneration process. Mouse HGF, also known as Hepatopoietin and Scatter factor, is a alpha/beta chain heterodimer; Alpha chain has 463 aa. residues, and Beta chain 233 aa. residues.

**SOURCE:** High-5 Insect cells  
Purity > 95% by HPLC analysis  
Endotoxin < 0.1 ng per ug HGF

#### BIOLOGICAL ACTIVITY:

**Fully biologically active when compared to standards.**

As determined by dose dependent stimulation of mouse IMCD3 cells in concentration 15.0 - 25.0 ng/mL.

#### HANDLING AND STORAGE:

Purified Mouse HGF is provided lyophilized. Store lyophilized, at -20° C. Can be reconstituted with **sterile or distilled water** to a concentration of 100 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots, **with addition of 0.1% BSA**, at -20° C, for up to 3 months, at high concentration.

**Microcentrifuge before reconstitution.** Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**