

# Recombinant Rat Hgf Protein, None-tagged, FITC conjugated

Cat. No. Hgf-8806RF Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | FITC conjugated recombinant Rat Hgf (Met1-Leu728), fused with no tag, was produced in Human Cell.   |
| <b>Species</b>          | Rat   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | 698   |
| <b>Form</b>             | Lyophilized   |
| <b>Molecular Mass</b>   | The recombinant rat HGF consists of 698 amino acids and has a predicted molecular mass of 79.5 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 92 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.  |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with FITC via amines<br>Excitation source: 488 nm spectral line, argon-ion laser<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 535 nm  |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.  |

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|                       |   |
|-----------------------|---|
| <b>Storage</b>        | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Storage Buffer</b> | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4  |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>    | FITC  |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Hgf hepatocyte growth factor [ <i>Rattus norvegicus</i> ] |
| <b>Official Symbol</b> | Hgf   |
| <b>Gene ID</b>         | 24446   |
| <b>mRNA Refseq</b>     | NM_017017   |
| <b>Protein Refseq</b>  | NP_058713   |

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