# Recombinant Rat Hgf Protein, None-tagged, Alexa Fluor 488 conjugated

**Cat. No.** Hgf-8806RAF488 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Alexa Fluor 488 conjugated recombinant Rat Hgf (Met1-Leu728), fused with no tag, was produced in Human Cell. |
| **Species** | Rat |
| **Source** | HEK293 |
| **ProteinLength** | 698 |
| **Form** | Lyophilized |
| **Molecular Mass** | 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. |
| **Endotoxin** | < 1.0 EU/ μg of the protein as determined by the LAL method. |
| **Characteristic** | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 488 via amines<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm |
| **Stability** | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |

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| **Storage** | 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. |
| **Storage Buffer** | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4 |
| **Reconstitution** | 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. |
| **Conjugation** | Alexa Fluor 488 |

## GENE INFORMATION

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| **Gene Name** | Hgf hepatocyte growth factor [ Rattus norvegicus ] |
| **Official Symbol** | Hgf |
| **Gene ID** | 24446 |
| **mRNA Refseq** | NM_017017 |
| **Protein Refseq** | NP_058713 |

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