

# Recombinant Mouse Hgf Protein, His-tagged, FITC conjugated

Cat. No. Hgf-8664MF    Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | FITC conjugated recombinant Mouse Hgf (Q08048-1) (Met1-Leu728), fused with a C-terminal polyhistidine tag, was produced in Human Cell.   |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 707  |
| <b>Form</b>             | Lyophilized  |
| <b>Molecular Mass</b>   | The recombinant mouse HGF comprises 707 amino acids and has a predicted molecular mass of 80.8 kDa. The apparent molecular mass of the protein is approximately 92 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <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>Mus musculus</i> ] |
| <b>Official Symbol</b> | Hgf  |
| <b>Gene ID</b>         | 15234  |
| <b>mRNA Refseq</b>     | NM_010427  |
| <b>Protein Refseq</b>  | NP_034557  |

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