

## Recombinant Canine HGF Protein, FITC conjugated

Cat. No. HGF-1045CF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant canine HGF (NP_001002964.1) (Met1-Ser730) was expressed.
<b>Species</b>	Dog
<b>Source</b>	HEK293
<b>ProteinLength</b>	699
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	79.9 kDa
<b>N-terminal Sequence Analysis</b>	Gln 32
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<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 sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. 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 (hepatopietin A; scatter factor) [ <i>Canis lupus familiaris</i> ]
<b>Official Symbol</b>	HGF
<b>Synonyms</b>	SF; hepatopoeitin-A; hepatopietin-A; scatter factor
<b>Gene ID</b>	403441
<b>mRNA Refseq</b>	NM_001002964
<b>Protein Refseq</b>	NP_001002964
<b>UniProt ID</b>	Q867B7

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