

Recombinant Cynomolgus HGF Protein, None-tagged, Alexa Fluor 555 conjugated

Cat. No. HGF-152CAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Cynomolgus HGF (C9E9X5) (Met1-Ser728), fused with None, was produced in Human Cells.
Species	Monkey
Source	HEK293
ProteinLength	697
Form	Lyophilized
Molecular Mass	The recombinant cyno HGF consists of 697 amino acids and has a calculated molecular mass of 79.6 kDa. It migrates as 89,58,34 and 32 kDa band in SDS-PAGE under reducing conditions.
N-terminal Sequence Analysis	His 32
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	(49.5+35.5+6.4+7.1) % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines

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With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

Stability

Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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 sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.

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 555

GENE INFORMATION

Gene Name

HGF hepatocyte growth factor (hepapoietin A; scatter factor) [*Macaca fascicularis* (crab-eating macaque)]

Official Symbol

HGF

Gene ID

102133907

mRNA Refseq

XM_005550368

Protein Refseq

XP_005550425

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