Recombinant Cynomolgus HGF Protein, None-tagged, Alexa Fluor 647 conjugated

Cat. No. HGF-152CAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 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 647 via amines

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	Excitation = 650 nm Emission = 668 nm
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 647

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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