Recombinant Canine HGF Protein, Alexa Fluor 647 conjugated

Cat. No. HGF-1045CAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant canine HGF (NP_001002964.1) (Met1-Ser730) was expressed.
Species	Dog
Source	HEK293
ProteinLength	699
Form	Lyophilized
Molecular Mass	79.9 kDa
N-terminal Sequence Analysis	Gln 32
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm

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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, 5%-8% trehalose and mannitol.
Reconstitution	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.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	HGF hepatocyte growth factor (hepapoietin A; scatter factor) [Canis lupus familiaris]
Official Symbol	HGF
Synonyms	SF; hepatopoeitin-A; hepatopoietin-A; scatter factor
Gene ID	403441
mRNA Refseq	NM_001002964
Protein Refseq	NP_001002964
UniProt ID	Q867B7

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