

Recombinant Canine HGF Protein, Alexa Fluor 647 conjugated

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

SPECIFICATION

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|-------------------------------------|---|
| 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

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|------------------------|---|
| Gene Name | HGF hepatocyte growth factor (hepatopietin A; scatter factor) [<i>Canis lupus familiaris</i>] |
| Official Symbol | HGF |
| Synonyms | SF; hepatopoeitin-A; hepatopietin-A; scatter factor |
| Gene ID | 403441 |
| mRNA Refseq | NM_001002964 |
| Protein Refseq | NP_001002964 |
| UniProt ID | Q867B7 |

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