Recombinant Canine HGF protein(Met1-Ser730)

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

SPECIFICATION

Product Overview	Recombinant canine HGF (NP_001002964.1) (Met1-Ser730) was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	1-730 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to neutralize TGF-beta mediated inhibition on Mv-1-Lu cell proliferation. The ED50 for this effect is typically 1-4 ng/mL.
Molecular Mass	The recombinant canine HGF consists 699 amino acids and predicts a molecular mass of 79.9 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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