

Active Recombinant Canine IL6R protein, His-tagged

Cat. No. IL6R-1064C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL6R protein(XP_855105.1)(Met1-Pro365), fused with His tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	Met1-Pro365
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized canine IL6R-His at 10µg/mL (100µL/well) can bind human IL6, the EC50 of human IL6 is 5-50 ng/mL.
Molecular Mass	The recombinant canine IL6R consists 357 amino acids and predicts a molecular mass of 39.8 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

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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