

Active Recombinant Canine IL33 protein

Cat. No. IL33-1034C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL33 protein(O97863)(Ser110-Ser263) was expressed in E. coli.
Species	Canine
Source	E.coli
ProteinLength	Ser110-Ser263
Form	Lyophilized from sterile PBS, pH7.4Please 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	Measured by its binding ability in a functional ELISA. Immobilized Canine IL33 at 10 µg/ml (100 µl/well) can bind human IL1R4-Fc, The EC50 of human IL1R4-Fc is 0.25-0.66 µg/ml.
Molecular Mass	The recombinant canine IL33 consists of 155 amino acids and has a calculated molecular mass of 17.8 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19KDa band.
Purity	> 97 % 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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