Active Recombinant Canine TIGIT protein, His-tagged

Cat. No. TIGIT-0801C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine TIGIT protein(Phe17-Pro208), fused with His tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	17-208 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Canine TIGIT, His Tag at 5 μg/mL (100 μL/well) can bind Human CD155, mouse IgG2a Fc tag, low endotoxin with a linear range of 0.01-0.313 μg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 23.1 kDa. The protein migrates as 25-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Phe17-Pro208
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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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