

Active Recombinant Cynomolgus TIGIT protein (Met1-Pro209), hFc-tagged

Cat. No. TIGIT-119C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus TIGIT (XP_015300911.1) (Met1-Pro209) protein, fused with the Fc region of human IgG1 at the C-terminus, was expressed in HEK293 Cells.
Species	Cynomolgus
Source	HEK293
ProteinLength	1-209 a.a.
CommonName	TIGIT
Predicted N Terminal	Lys 27
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Bio-activity	Immobilized human CD155/PVR Protein, Human, Recombinant (ECD, His Tag) at 2µg/mL (100µL/well) can bind TIGIT Protein, Cynomolgus, Recombinant (ECD, hFc Tag), the EC50 of TIGIT Protein, Cynomolgus, Recombinant (ECD, hFc Tag) is 5-30 ng/mL.
Molecular Mass	The recombinant cynomolgus TIGIT consists of 421 amino acids and predicts a molecular mass of 47.2 kDa.

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Endotoxin	< 1.0 EU per µg of the 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Official Symbol	TIGIT
Synonyms	TIGIT

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