

## Active Recombinant Rat TIGIT protein(Met1-Ala138), hFc-tagged

**Cat. No.** TIGIT-0802R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat TIGIT (XP_008766987.1) (Met1-Ala138) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala138
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Nectin-2 Protein, Human, Recombinant (ECD, His Tag) at 2 µg/ml (100 µl/well) can bind TIGIT Protein, Rat, Recombinant (hFc Tag), the EC50 of TIGIT Protein, Rat, Recombinant (hFc Tag) is 60-300 ng/mL.
<b>Molecular Mass</b>	The recombinant Rat TIGIT consists of 360 amino acids and predicts a molecular mass of 40.02 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.

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**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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Tigit T cell immunoreceptor with Ig and ITIM domains [ *Rattus norvegicus* ]

**Official Symbol** TIGIT

**Synonyms** TIGIT; T cell immunoreceptor with Ig and ITIM domains; RGD1563191;

**Gene ID** 363784

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