

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

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

SPECIFICATION

Product Overview	Recombinant Rat TIGIT (XP_008766987.1) (Met1-Ala138) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ala138
Form	Lyophilized from sterile PBS, pH 7.4. 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 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.
Molecular Mass	The recombinant Rat TIGIT consists of 360 amino acids and predicts a molecular mass of 40.02 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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GENE INFORMATION

Gene Name	Tigit T cell immunoreceptor with Ig and ITIM domains [<i>Rattus norvegicus</i>]
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Official Symbol	TIGIT
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Synonyms	TIGIT; T cell immunoreceptor with Ig and ITIM domains; RGD1563191;
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Gene ID	363784
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