

## Recombinant Mouse Tnfrsf18, Fc Chimera

Cat. No. Tnfrsf18-2087M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Tnfrsf18 Produced in <i>HEK 293 cells</i> . The cysteine-rich region of mouse GITR (aa 20-152) is fused to the Fc portion of human IgG1. MW=45kDa (SDS-PAGE).
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Protein Length</b>	20-152 a.a.
<b>Description</b>	GITR (glucocorticoid-induced tumor necrosis factor receptor) also known as TNFRSF18, is a surface receptor molecule that has been shown to be involved in inhibiting the suppressive activity of T-regulatory cells and extending the survival of T-effector cells. <sup>1</sup> GITR is involved in the regulation of T-cell receptor mediated cell death. Constitutive expression of a transfected GITR gene induces resistance to apoptosis induced by anti CD3 monoclonal antibodies.
<b>Concentration</b>	1mg/ml after reconstitution.
<b>Purity</b>	≥90% (SDS-PAGE).
<b>Formulation</b>	Lyophilized. Contains PBS.
<b>Endotoxin Content</b>	<0.1EU/g purified protein (LAL test; Bio Whittaker).

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Reconstitution</b>	Reconstitute with 50µl sterile water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.
<b>Specificity</b>	Binds mouse GITRL.
<b>Term Storage</b>	-20°C.
<b>Handling</b>	Stable for at least 6 months after receipt when stored at -20°C.
<b>Stability</b>	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Tnfrsf18 tumor necrosis factor receptor superfamily, member 18 [ Mus musculus ]</a>
<b>Synonyms</b>	Tnfrsf18; tumor necrosis factor receptor superfamily, member 18; AITR; Gitr;tumor necrosis factor receptor superfamily member 18; OTTMUSP00000011817; OTTMUSP00000011818; glucocorticoid-induced TNFR-related protein
<b>Gene ID</b>	<a href="#">21936</a>
<b>mRNA Refseq</b>	<a href="#">NM_009400</a>
<b>Protein Refseq</b>	<a href="#">NP_033426</a>
<b>UniProt ID</b>	<a href="#">O35714</a>
<b>Chromosome Location</b>	4 E
<b>Pathway</b>	Cytokine-cytokine receptor interaction

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



**Function**

protein binding; receptor binding

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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