

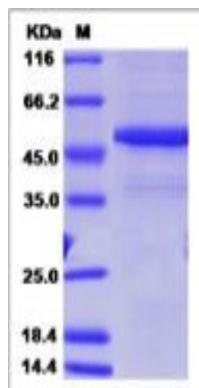
## Tnfsf12

### Recombinant Mouse TNFSF12 (Fc Tag)

<b>Catalog No.</b>	CRM560A-Fc CRM560B-Fc	<b>Quantity:</b> 20 µg 50 µg
<b>Alternate Names:</b>	Tumor necrosis factor ligand superfamily member 12, TNF-related weak inducer of apoptosis, TWEAK, Tumor necrosis factor ligand superfamily member 12, membrane form, Tumor necrosis factor ligand superfamily member 12, secreted form	
<b>Description:</b>	TNFSF12 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. It is a ligand for the FN14/TWEAKR receptor. TNFSF12 has overlapping signaling functions with TNF, but displays a much wider tissue distribution. It can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. It is also found that TNFSF12 promotes proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. TNFSF12 also is a weak inducer of apoptosis in some cell types and mediates NF-kappa-B activation.	
<b>UniProt ID:</b>	O54907	
<b>Accession Number:</b>	NP_035744.1	
<b>Protein Construction:</b>	A DNA sequence encoding the mouse Tnfsf12 (Arg105-His249) was expressed with the Fc region of human IgG1 at the N-terminus.	
<b>Source:</b>	HEK293 Cells	
<b>Formulation:</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.	
<b>Molecular Weight:</b>	The recombinant mouse Tnfsf12 consists of 405 amino acids with a predicted molecular mass of 44.4 kDa.	
<b>Purity:</b>	> 85 % as determined by SDS-PAGE.	
<b>Endotoxin Level:</b>	< 1.0 EU per µg of the protein as determined by the LAL method	
<b>Biological Activity:</b>	Testing in progress	
<b>Predicted N-terminal:</b>	Glu	
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.	
<b>Storage &amp; Stability:</b>	Stable for up to 1 year from date of receipt at -20°C to -80°C After reconstitution, store working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>	



SDS-PAGE



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**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)