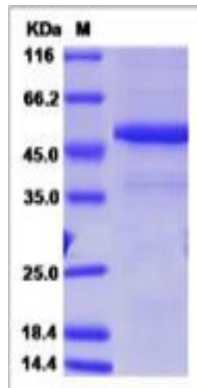


Tnfsf12

Recombinant Mouse TNFSF12 (Fc Tag)

Catalog No.	CRM560A-Fc CRM560B-Fc	Quantity:	20 µg 50 µg
Alternate Names:	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		
Description:	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.		
UniProt ID:	O54907		
Accession Number:	NP_035744.1		
Protein Construction:	A DNA sequence encoding the mouse Tnfsf12 (Arg105-His249) was expressed with the Fc region of human IgG1 at the N-terminus.		
Source:	HEK293 Cells		
Formulation:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
Molecular Weight:	The recombinant mouse Tnfsf12 consists of 405 amino acids with a predicted molecular mass of 44.4 kDa.		
Purity:	> 85 % as determined by SDS-PAGE.		
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method		
Biological Activity:	Testing in progress		
Predicted N-terminal:	Glu		
Reconstitution:	Centrifuge vial prior to opening. 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. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	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. Avoid repeated freeze-thaw cycles.		

SDS-PAGE



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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
Website: www.cellsciences.com