

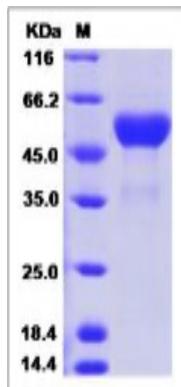
TNFSF15

Recombinant Human TNFSF15 (Fc Tag)

Catalog No.	CRH750A-Fc CRH750B-Fc	Quantity: 20 µg 100 µg
Alternate Names:	Tumor necrosis factor ligand superfamily member 15, TNF ligand-related molecule 1, Vascular endothelial cell growth inhibitor	
Description:	TNFSF15 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. It is specifically expressed in endothelial cells and can also be detected in monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon. TNFSF15 is a ligand for receptor TNFRSF25, TNFRSF6b and TNFRSF21/death receptor DR6. It mediates activation of NF-kappa-B, inhibits vascular endothelial growth and angiogenesis (in vitro) and promotes activation of caspases and apoptosis. It is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor.	
UniProt ID:	O95150	
Accession Number:	NP_005109.2	
Protein Construction:	A DNA sequence encoding the human TNFSF15 (Leu72-Leu251) 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 human TNFSF15 consists of 440 amino acids and predicts a molecular mass of 48.9 kDa.	
Purity:	> 95 % as determined by SDS-PAGE.	
Endotoxin Level:	< 1.0 EU per µg 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



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