

TNFRSF1B

Recombinant Human TNFR2 / Fc Chimera

Catalog No.	CRT019A CRT019B CRT019C	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	CD120b, TBPII, TNF-R-II, TNF-R75, TNFBR, TNFR1B, TNFR2, TNFR80, p75, p75TNFR, tumor necrosis factor receptor superfamily member 1B		
Description:	<p>Tumor Necrosis Factor Receptor Type II binds specifically to tumor necrosis factor (TNF) and blocks its interaction with cell surface TNF receptors.</p> <p>Recombinant Human TNF-RII produced in CHO is a dimeric, glycosylated, polypeptide chain consisting of the extracellular ligand-binding portion of the human 75 kilodalton (p75) tumor necrosis factor receptor (TNFR) linked to the Fc portion of human IgG1. The Fc component contains the CH2 domain, the CH3 domain, and the hinge region, but not the CH1 domain of IgG1. It consists of 934 amino acids and has an apparent molecular weight of approximately 150 kilodaltons.</p>		
Gene ID:	7133		
Source:	CHO cells (Chinese hamster ovarian cells)		
Molecular Weight:	150 kDa		
Formulation:	Lyophilized from a sterile solution containing 1.6 mg mannitol + 0.4 mg sucrose + 48 µg tromethamine per 1 mg protein.		
Purity:	>98.0% as determined by RP-HPLC and SDS-PAGE analysis.		
Biological Activity:	Recombinant Human TNFR2 / Fc Chimera is fully biologically active when compared to standard. Potency is determined by its ability to neutralize TNF-alpha mediated growth inhibition of A375 cells, corresponding to a specific activity of 1.7×10^7 IU/mg.		
Specific Activity:	1.7×10^7 IU/mg		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers.		
Storage & Stability:	Lyophilized product is stable at room temperature for up to 3 weeks. On receipt, store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for one week at 4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein such as 0.1% HSA or BSA as a stabilizer. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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