

TNFSF12

Recombinant Human TWEAK

Catalog No.	CRT600A CRT600C	Quantity:	10 µg 1.0 mg
Alternate Names:	TNF-related weak inducer of apoptosis, TWEAK, APO3 ligand, APO3L, DR3L, DR3LG		
Gene ID:	8742		
Protein Accession No:	NP_003800		
Description:	Human TNFSF12 is a new secreted ligand in the tumor necrosis factor family that weakly induces apoptosis. TNFSF12, like many other members of the TNF family, is able to induce IL8 synthesis in a number of cell lines. The recombinant human TNFSF12 comprises the TNF-like extracellular domain of TNFSF12.		
Source:	<i>E. coli</i>		
Molecular Weight:	17.0 kDa		
Formulation:	Lyophilized from 10 mM sodium phosphate, pH 7.5 + 0.1 M L-Arg		
Purity:	> 98% as determined by SDS-PAGE and HPLC analyses		
Endotoxin Level:	< 0.1 ng/µg of TNFSF12		
Biological Activity:	Determined by the dose-dependent stimulation of IL8 production by human PBMC. The ED ₅₀ is < 10 ng/ml.		
Reconstitution:	Centrifuge vial prior to opening. First add 10 mM sodium phosphate to the vial to fully solubilize the protein to a concentration of 1.0 mg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C or in working aliquots at -20°C for longer storage. Avoid repeated freeze-thaw cycles.		

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