

Recombinant Human TWEAK (TNFSF12)

Cat No:HR2R2043

For research use only

Overview

Quantity	500 ?g
Gene Symbol	TNFSF12
Gene ID	407977
Accession	O43508
Alternative Name	TWEAK, Tumor necrosis factor ligand superfamily member 12, TNFSF12, DR3LG, Apo3-Ligand Recombinant Human TNF-Related Weak Inducer of Apoptosis (TNFSF12)
Species	Human
Source	E. coli
Description	TWEAK is a TNF superfamily transmembrane protein which is expressed in many different cells and tissues, such as the heart, spleen and small intestine. Two different receptors have been identified that bind TWEAK; the Death Receptor 3 (DR3) and the TWEAK Receptor (TWEAKR). While DR3 is expressed mainly in tissues that have high concentration of lymphocytes, the mitogen-inducible TWEAKR is has been shown to be expressed in fibroblasts, hepetocellular carcinomas and endothelial cells. Recombinant human TWEAK comprises the TNF homologous (secreted region) of TWEAK.
Functions	N/A
Formulation	Lyophilized from a 0.2 ?m filtered solution in PBS with BSA as a carrier protein
Solubility	Reconstitute at 0.1mg/ml/mL in sterile PBS containing at least 0.1% human or bovine serum albumin
Appearance	Lyophilized Powder
Molecular Weight	17.2
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.