

Active Recombinant Mouse Tnfsf12 Protein, His-Tagged

Cat. No. Tnfsf12-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Tnfsf12 Protein, His-tagged was expressed in E. coli cell
Species	Mouse
Source	E.coli
Description	TWEAK belongs to the TNF family of ligands, and also known as TNFRSF12A through TWEAK receptor signaling. TWEAK widely expresses in a variety of tissues, including the adult heart, pancreas, skeletal muscle, small intestine, spleen and peripheral blood lymphocytes. TWEAK has the ability to trigger activation and chemokine secretion of NF-κB, and to apply an apoptotic activity in certain cells, such as HT-29 human cultured adenocarcinoma cells feeding with IFN-γ. TWEAK also promotes proliferation and migration of endothelial cells.
Form	Lyophilized powder
AA Sequence	MSAPKGRKARPRRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEETKINSSSPLRYD RQIGFTVIRAGLYYLYCQVHFDEGKAVYLKLDLLV NGVLALRCLEEFSAATAASSPGPQLRLCQVSGLLPLRPGSSLRIRTLPPWAHLKAAPFL TYFGLFQVH with polyhistidine tag at the C-terminus
Endotoxin	<0.1 EU per 1 μg of the protein by the LAL method.
Bio-activity	Measure by its ability to induce proliferation in HUVEC cells. The ED50 for this effect is <0.2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	µg/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Notes	Please use within one month after protein reconstitution.

GENE INFORMATION

Gene Name	Tnfsf12 tumor necrosis factor (ligand) superfamily, member 12 [Mus musculus (house mouse)]
Official Symbol	Tnfsf12
Synonyms	Dr3l; Apo3l; Dr3lg; Tweak
Gene ID	21944
mRNA Refseq	NM_011614.3
Protein Refseq	NP_035744.1
UniProt ID	O54907

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

kDa

75-
63-
48-
35-
25-
17-
11-