

## Active Recombinant Mouse Tnfsf12 Protein, His-Tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Tnfsf12 Protein, His-tagged was expressed in E. coli cell
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MSAPKGRKARPRRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEETKINSSSPLRYD RQIGFTVIRAGLYYLYCQVHFDEGKAVYLKLDLLV NGVLALRCLEEFSAATAASSPGPQLRLCQVSGLLPLRPGSSLRIRTLPWAHLKAAPFL TYFGLFQVH with polyhistidine tag at the C-terminus
<b>Endotoxin</b>	<0.1 EU per 1 μg of the protein by the LAL method.
<b>Bio-activity</b>	Measure by its ability to induce proliferation in HUVEC cells. The ED50 for this effect is <0.2

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	µg/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Storage Buffer</b>	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Notes</b>	Please use within one month after protein reconstitution.

## GENE INFORMATION

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

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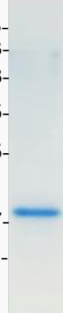
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