

Recombinant Human TWEAK

CATALOG #:	4360-10	10 µg
	4360-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of TWEAK	
MOL. WEIGHT:	17.0 kDa	
FORM:	Lyophilized from 10 mM Sodium Phosphate, pH 7.5 + 0.1M L-Arg.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in 10 mM Sodium Phosphate (pH 7.5) to a concentration of 1 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized human TWEAK is best-stored desiccated below 0°C. Reconstituted TWEAK should be stored in working aliquots at -20°C.

DESCRIPTION:

Human TWEAK is a new secreted ligand in the tumor necrosis factor family that weakly induces apoptosis. TWEAK, like many other members of the TNF family, is able to induce interleukin-8 synthesis in a number of cell lines. The recombinant human TWEAK is a 17.0 kDa protein, comprising the TNF-like extracellular domain of TWEAK.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the dose-dependent stimulation of IL-8 production by human PBMC is less than 10 ng/ml.

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- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
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- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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