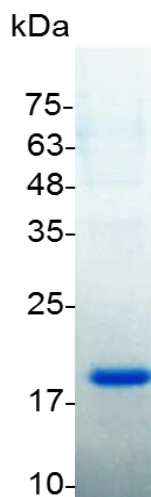


PRODUCT INFORMATION

TWEAK (TNF-related weak inducer of apoptosis), Human

Catalog number	C01061-5UG / C01061-20UG / C01061-100UG
Package	5 µg / 20 µg / 100 µg
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.
Source	<i>Escherichia coli</i>
Sequence	MKGRKTRARRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEEARINSSSPLRYN RQIGEFIVTRAGLYYLYCQVHFDEGKAVYVKLDLLVDGVLALRCLEEFSAATAASS LGPQLRLCQVSGLLALRPGSSLRIRTLPWHLKAAPFLTYFGLFQVH with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce proliferation in HUVEC cells. The ED ₅₀ for this effect is <6 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
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.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human TWEAK

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