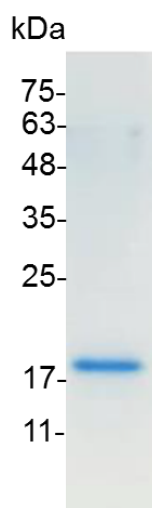


## PRODUCT INFORMATION

**TWEAK (TNF-related weak inducer of apoptosis), Mouse**

<b>Catalog number</b>	C02050-5UG / C02050-20UG / C02050-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<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>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MSAPKGRKARPRRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEETKINSSSPL RYDRQIGFTVIRAGLYYLYCQVHFDEGKAVYLKLDLLVNGVLALRCLEEFSSATA ASSPGPQLRLCQVSGLLPLRPGSSLRIRTLPW AHLKAAPFLTYFGLFQVH with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to induce proliferation in HUVEC cells. The ED <sub>50</sub> for this effect is <0.2 µg/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing in 1X PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> 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.
<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>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant mouse TWEAK

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