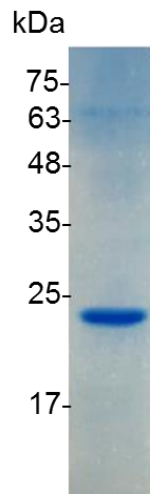


**TL1A (TNF-like ligand 1A), Human**

v. 231001

<b>Catalog number</b>	C01060-5UG / C01060-20UG / C01060-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	TL-1A belongs to the TNF superfamily of ligands. It is specially expressed in endothelial cells, and is detected in the placenta, lung, kidney, skeletal muscle, pancreas, small intestine and colon. TL-1A inhibits endothelial cell proliferation and angiogenesis. It has been proved to promote NF-κB activation, caspase activity, and apoptosis in responding cell lines. TL-1A can bind with TNFRSF25/DR3 receptor and a decoy receptor TNFRSF21/DR6.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MQLRAQGEACVQFQALKGQEFAPSHQQVYAPLRADGDKPRAHLTVVRQTPT QHFKNQFPALHWEHELGLAFTKNRMNYTNKFLIPESGDYFIYSQVTFRGMTS ECSEIRQAGRPNKPDSITVVITKVTDSYPEPTQLLMGTKSVCEVGSNWFQPIYL GAMFSLQEGDKLMVNVSDISLVDYTKEDKTFFGAFLL 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 TF-1 cells proliferation. The ED <sub>50</sub> for this effect is <0.2 ng/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"> <li>• -20°C for 12 months in lyophilized state from date of receipt.</li> <li>• -20°C or -80°C for 2 weeks under sterile conditions after reconstitution.</li> </ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human TL1A

*For research use only.*