

## TNFSF15

### Human Recombinant TNF Ligand-related molecule 1, TL-1A

<b>Catalog No.</b>	CRT005B	<b>Quantity:</b>	20 µg
<b>Alternate Names:</b>	Tumor necrosis factor ligand superfamily member 15, TNFSF15, TNF15, TNF ligand-related molecule 1, Vascular endothelial cell growth inhibitor		
<b>Description:</b>	TL-1A belongs to the TNF superfamily of ligands. It is expressed predominantly in endothelial cells, and to a lesser extent in placenta, lung, kidney, skeletal muscle, pancreas, small intestine and colon. TL-1A inhibits endothelial cell proliferation and angiogenesis, and has been shown to induce NFκB activation, caspase activity, and apoptosis in responding cell lines. TL-1A interacts with TNFRSF25/DR3 receptor, but can also bind to a decoy receptor TNFRSF21/DR6.		
<b>UniProt ID:</b>	O95150		
<b>Gene ID:</b>	9966		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	22 kDa (194 aa)		
<b>Formulation:</b>	Lyophilized from PBS		
<b>Purity:</b>	>98% by HPLC and SDS-PAGE		
<b>Endotoxin Level:</b>	<1 EU/µg		
<b>Biological Activity:</b>	Determined by its ability to stimulate IFN-γ production by human PBMC using a concentration range of 10.0-100.0 ng/ml. Results will vary with PBMC donors.		
<b>Amino Acid Sequence:</b>	QLRAQGEASV QFQALKGQEF APSHQQVYAP LRADGDKPRA HLTVVRQTPT QHFKNQFPAL HWEHELGLAF TKNRMNYTNK FLLIPESGDY FIYSQVTFRG MTSECSEIRQ AGRPNKPDSI TVVITKVTDS YPEPTQLLMG TKSVCCEVGSN WFQPIYLGAM FSLQEGDKLM VNVSDISLVD YTKEDKTFFG AFL		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with PBS to a concentration of not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted into other buffered solutions such as PBS pH 7.0.		
<b>Storage &amp; Stability:</b>	Lyophilized protein is stable for 1 year at -20°C to -80°C. Store reconstituted protein in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.