

## Active Recombinant Human TNFSF15 Protein (Gln58-Leu251), C-His tagged, Animal-free, Carrier-free

Cat. No. TNFSF15-326H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF15 Protein (Gln58-Leu251) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln58-Leu251
<b>Description</b>	TL1A also known as VEGI and TNFSF15, which belongs to TNF ligand superfamily. TL1A is a 28 kDa type II membrane protein containing 251 residues that predominantly expressed in endothelial cells. TL1A is able to promote NFκB activation in cells by interacting with DR3. Besides, TL1A can also induces cell apoptosis through activating caspases. Additionally, the responsiveness of IL-2 from activated T cells has been shown to induce by TL1A treatment.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measure by its ability to induce TF-1 cells proliferation. The ED50 for this effect is < 0.2 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 22.95 kDa. The protein migrates as 24 kDa under reducing condition (SDS-PAGE analysis).

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<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 2 weeks under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
<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>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

<b>Gene Name</b>	TNFSF15 tumor necrosis factor (ligand) superfamily, member 15 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFSF15
<b>Synonyms</b>	TNFSF15; tumor necrosis factor (ligand) superfamily, member 15; tumor necrosis factor ligand superfamily member 15; MGC129934; MGC129935; TL1; TL1A; TNF ligand related molecule 1; TNF superfamily ligand TL1A; vascular endothelial cell growth inhibitor; vascular endothelial growth inhibitor 192A; VEGI; VEGI192A; TNF ligand-related molecule 1; vascular endothelial growth inhibitor-192A;

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<b>Gene ID</b>	9966
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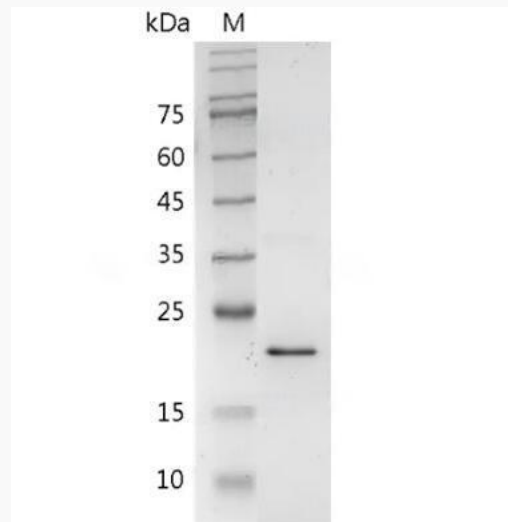
<b>mRNA Refseq</b>	NM_001204344
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<b>Protein Refseq</b>	NP_001191273
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<b>MIM</b>	604052
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<b>UniProt ID</b>	O95150
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**SDS-PAGE analysis  
of recombinant  
human TL1A.**



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