

## TNFSF15 active protein

Recombinant Human TNFSF15

CATALOG #  
AAA214297

HOST  
E Coli

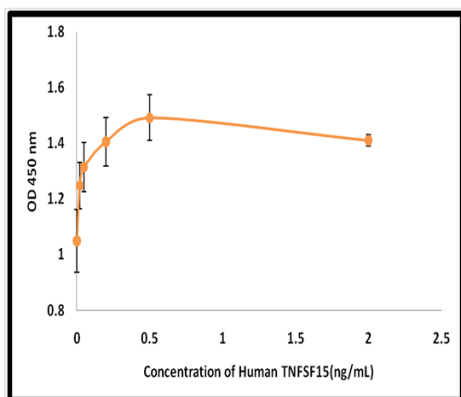
### PRODUCT SYNONYMS

TNFSF15; Recombinant Human TNFSF15; TL1; VEGI; TNFSF15 active protein

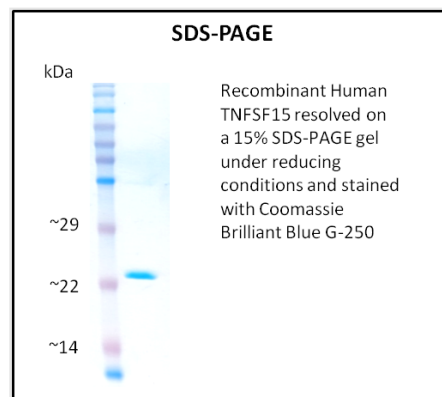
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                                                                                                                                                                                                                              |
| Form/Format             | Lyophilized from a 0.2 micron filtered solution in Tris and salt                                                                                                                                                                                                                                                                    |
| Sequence Length         | 251                                                                                                                                                                                                                                                                                                                                 |
| Bioactivity             | The ED(50) was determined by the dose-dependent proliferation of Jurkat cells and was found to be <0.5ng/mL.                                                                                                                                                                                                                        |
| Endotoxin Level         | <1.0 EU/ug of recombinant protein as determined by the LAL method                                                                                                                                                                                                                                                                   |
| Reconstitution          | A quick spin of the vial followed by reconstitution in sterile distilled water to a concentration not less than 0.1 mg/mL is recommended. This solution can then be diluted into other buffers.                                                                                                                                     |
| Preparation and Storage | The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles. |

### IMAGES



Application Data



Application Data

### ADDITIONAL INFORMATION

#### Related Product Information for TNFSF15 active protein

TNFSF15 is a type II transmembrane protein which is predominantly expressed in endothelial cells. It has a single transmembrane domain, a small cytoplasmic domain and an extracellular C-terminus. Its expression is stimulated by TNFA and IL1A. TNFSF15 acts as the ligand for the receptor protein TNFRSF25 which is primarily found in activated T cells. It also has an affinity to the decoy receptor protein TNFRSF6B. Binding of this cytokine to its receptor can activate the transcription factor NF-Kappa-B and MAP Kinases. It has been found that TNFSF15 can also induce apoptosis by acting as an autocrine factor and inhibit endothelial cell proliferation. Recombinant Human TNFSF15 herein refers to the secreted form of the protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 23510445                                                            |
| NCBI GeneID                      | 9966                                                                |
| NCBI GenBank Nucleotide #        | NP_005109.2                                                         |
| UniProt Accession #              | O95150                                                              |
| NCBI Official Full Name          | tumor necrosis factor ligand superfamily member 15 isoform VEGI-251 |
| NCBI Official Synonym Full Names | TNF superfamily member 15                                           |
| NCBI Official Symbol             | TNFSF15                                                             |
| NCBI Official Synonym Symbols    | TL1; TL1A; VEGI; TNLG1B; VEGI192A                                   |
| NCBI Protein Information         | tumor necrosis factor ligand superfamily member 15                  |
| UniProt Protein Name             | Tumor necrosis factor ligand superfamily member 15                  |
| UniProt Gene Name                | <b>TNFSF15</b>                                                      |
| UniProt Synonym Gene Names       | TL1; VEGI                                                           |
| UniProt Entry Name               | TNF15_HUMAN                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/tnfsf15/214297>