

TL1A active protein

TL1A protein

CATALOG #
AAA75590

HOST
Human

PRODUCT SYNONYMS

TL1A; TL1A protein; VEGI protein; TNFSF15 protein; TL-1A protein; TLA 1; TLA 1 protein; TLA-1; TLA-1 protein; TL1A active protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 98% pure
Form/Format	Supplied as a lyophilized powder.
Sequence	Region of TL1A protein corresponds to amino acids QLRAQG EASVQFQALK GQEFAPSHQQ VYAPLRADGD KPRALHTVVR QTPTQHFKNQ FPALHWEHEL GLAFTKNRMN YTNKFLLIPE SGDYFIYSQV TFRGMTSECS EIRQAGRPNK PDSITVVITK VTDSYPEPTQ LLMGTSVCE VGSNWFQPIY LGAMFSLQEG DKLMVNVSDI SLVDYTKEDK TFFGAFL.
Sequence Length	246
Protein Type	Recombinant
Biological Significance	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 NF kb 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.
Bioactivity	Determined by its ability to stimulate IFN-gamma production by human PBMC using a concentration range of 10.0-100.0 ng/ml. Note: Results may vary with PBMC donors.
Endotoxin Levels	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).
Expression System	E Coli
Preparation and Storage	Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TL1A active protein	Purified recombinant Human TL1A protein
Product Categories/Family for TL1A active protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	30316292
Molecular Weight	22.0 kDa
NCBI Official Full Name	Thaumatococcus-like protein 1a

UniProt Protein Name	Thaumatococcus protein 1a
UniProt Gene Name	TL1
UniProt Synonym Gene Names	TL; PR-5a
UniProt Entry Name	TP1A_MALDO

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/human-active-protein/tl1a/75590>