

Recombinant Human TL1A Protein

Catalog Number:PKSH033279



Note: Centrifuge before opening to ensure complete recovery of vial contents.

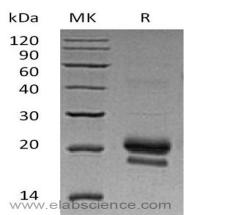
Description

Synonyms	Tumor Necrosis Factor Ligand Superfamily Member 15; TNF Ligand-Related Molecule 1; Vascular Endothelial Cell Growth Inhibitor; TNFSF15; TL1; VEGI;TL1A
Species	Human
Expression Host	E.coli
Sequence	Met 1-Leu192
Accession	O95150-2
Calculated Molecular Weight	21.9 kDa
Observed molecular weight	21.9 kDa

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH 7.5.
Reconstitution	Please refer to the printed manual for detailed information.

Data



Background

Tumor Necrosis Factor Ligand Superfamily Member 15 (TNFSF15) is a new member of the tumor necrosis factor family. TNFSF15 is predominantly an endothelial cell-specific gene, and recombinant TNFSF15 is a potent inhibitor of endothelial cell proliferation, angiogenesis and tumor growth. TNFSF15 exerts two activities on endothelial cells: early G1 arrest of G0/G1-cells responding to growth stimuli and programmed cell death of proliferating cells. These activities are highly specific to endothelial cells. TNFSF15 is also able to regulate the expression of several important genes involved in angiogenesis. These findings are consistent with the view that TNFSF15 functions as an autocrine cytokine to inhibit angiogenesis and stabilize the vasculature.

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