



[Go to Product page](#)

Datasheet for ABIN7520577 TNFSF15 Protein

Overview

Quantity:	20 µg
Target:	TNFSF15
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Purpose:	Active Recombinant Human TNFSF15 Protein
Sequence:	LKQQEFAPSH QQVYAPLRAD GDKPRAHLTV VRQTPTQHFK NQFPALHWEH ELGLAFTKNR MNYTNKFLLI PESGDYFIYS QVTFRGMTSE CSEIRQAGRP NKPDSITVVI TKVTDSYPEP TQLLMGTKSV CEVGSNWFQP IYLGAMFSLQ EGDKLMVNVS DISLVDYTKE DKTFFGAFLI
Specificity:	Leu72-Leu251
Purity:	> 90 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 1.0 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human TNFSF15 Protein at 5 µg/mL (100 µL/well) can bind DCR3 with a linear range of 0.12-6.98 ng/mL.

Target Details

Target:	TNFSF15
---------	---------

Target Details

Alternative Name: TNFSF15 ([TNFSF15 Products](#))

Background: Description: The protein is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor.

Name: TNFSF15,TL1,TL1A,TNLTG1B,VEGI,VEGI192A

Gene ID: 9966

UniProt: [O95150](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#), [Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Concentration: 0.9 mg/mL

Buffer: Lyophilized from a 0.22 µm filtered solution of 20 mM Tris, 50 mM NaCl, 5 % glycerol, pH 8.0.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
