

RPPB1089

Product Information Protein Information

Product SKU:

RPPB1089

Accession:

O95150

Host:

Escherichia Coli.

Protein description:

TNFSF15 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 180 amino acids and having a molecular mass of 20.5kDa. The TNFSF15 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Tumor necrosis factor ligand superfamily member 15, TNFSF-15, TNFSF15, TNF ligand-related molecule 1, VEGI, TL-1, TL1, TL1A, VEGI192A, VEGI-192, MGC129934, MGC129935.

Formulation:

The TNFSF15 was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4 with 0.02% Tween-20.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TNFSF15 in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

TNFSF15 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution VEGI should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MQLTKGRLHFSHPLSHTKHISPFVTDAPLRADGDKPRAHLTVVRQTPTQHFKNQFPALHWEHELGLAFTKNRMNY
TNKFLIPESGDYFIYSQVTFRGMTSECSEIRQAGRPNKPDSITVITKVTDSEYPTQLLMGTKSVCEVGSNWFQPIY
LGAMFSLQEGDKLMVNVSDISLVDYTKEDKTFFGAFL.

Biological Activity:

The ED50 as determined by its ability to induce apoptosis using human TF-1 cells is less than 20ng/ml, corresponding to a specific activity of > 5.0×10⁴ IU/mg.