

Human TNFSF12 Recombinant Protein



RPPB1030

Product Information Protein Information

Product SKU:

RPPB1030

Accession:

O43508

Host:

Escherichia coli.

Protein description:

TNFSF12 Human Recombinant (94-249 a.a.) produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 156 amino acids and having a total molecular mass of 18kDa. The TNFSF12 is fused with an 8 amino acids his tag at N-terminal (M-HHHHHH-R, total 164 a.a.) and purified by proprietary chromatographic techniques.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

TWEAK, TNF-related weak inducer of apoptosis, TNFSF12, DR3LG, Apo3-Ligand, APO3L, TNFRSF12A, Tumor necrosis factor ligand superfamily member 12, MGC20669, MGC129581.

Formulation:

Lyophilized from a 0.2µm filtered solution in PBS.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TNFSF12 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized TNFSF12 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TWEAK 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:

MHHHHHHRSA PKGRKTRARR AIAAHYEVHP RPGQDGAQAG VDGTVSGWEE ARINSSSPLR YNRQIGEFIV
TRAGLYLYYC QVHFDEGKAV YLKLDLLVDG VLALRCLEEF SATAASSLGP QLRLCQVSGL LALRPGSSLR
IRTLPWHLK AAPFLTYFGL FQVH.

Biological Activity:

The ED₅₀, as measured in a proliferation assay using HUVECs, is less than 8ng/ml.