

Human TNFRSF10B Recombinant Protein



RPPB1026

Product Information Protein Information

Product SKU:

RPPB1026

Accession:

O14763

Host:

Escherichia Coli.

Protein description:

TNFRSF10B Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 132 amino acids and having a molecular mass of 14.8kDa. The TNFRSF10B is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Tumor necrosis factor receptor superfamily member 10B, Death receptor 5, TNF-related apoptosis-inducing ligand receptor 2, TRAIL receptor 2, TRAIL-R2, CD262, TNFRSF10B, DR5, KILLER, TRAILR2, TRICK2, ZTNFR9, TRICKB, TRICK2A, TRICK2B, KILLER/DR5.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TNFRSF10B in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized TNFRSF10B although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TNFRSF10B 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:

ESALITQQD LAPQQRVAPQ QKRSSPSEGL CPPGHHISED GRDCISCKYG QDYSTHWNDL LFCLRCTRCD SGEVELSPCT TTRNTVCQCE EGTFREEDSP EMCRCRTGC PRGMVKVGDG TPWSDIECVH KES.

Biological Activity:

The TNFRSF10B reduced the production of LPS-induced TNF by its ability to neutralize endogenous TRAIL in fresh human PBMC. In this assay, endogenous TRAIL is induced during a 24 hour exposure to LPS (10ng/mL) but in the presence of TNFRSF10B, TRAIL-induced TNF is suppressed.