

Human TNFRSF10B Recombinant Protein



RPPB1027

Product Information Protein Information

Product SKU:

RPPB1027

Accession:

O14763

Host:

Sf9, Insect cells.

Protein description:

TNFRSF10B produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 394 amino acids (56-210a.a.) and having a molecular mass of 43.9kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).TNFRSF10B is expressed with a 239 amino acid hIlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

TNFRSF10B, CD262, DR5, KILLER, KILLER/DR5, TRAIL-R2, TRAILR2, TRICK2, TRICK2A, TRICK2B, TRICKB, ZTNFR9, Death receptor 5, TNF-related apoptosis-inducing ligand receptor 2.

Formulation:

TNFRSF10B protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

ITQQDLAPQQ RAAPQQRSS PSEGLCPPGH HISEDGRDCI SCKYGQDYST HWNDLLFCLR CTCDSGEVE
LSPCTTTRNT VCQCEEGTFR EEDSPEMCRK CRTGCPRGMV KVGDCPWS D IECVHKESGT KHSGEVPAVE
ETVTSSPGTP ASPCSLEPKS CDKTHTCPPC PAPELLGGPSVFLFPPKPKD TLMISRTPEV TCVVVDVSHE
DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA
KGQPREPQVY TLPPSRDEL T KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTTPVLD SDGSFFLYSK
LTVDKSRWQQGNVFCSSVMH EALHNHYTQK SLSLSPGKHH HHHH.

Biological Activity:

Measured by its ability to inhibit cytotoxicity assay using Jurkat human T lymphocyte. The ED50 for this effect \leq to 5ng/ml with TRAIL .