

Human TRAIL (114-281 a.a.) Recombinant Protein



RPPB1056

Product Information Protein Information

Product SKU:

RPPB1056

Accession:

P50591

Host:

Escherichia Coli.

Protein description:

Soluble TNF-related apoptosis-inducing ligand Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 169 amino acids (114-281) and having a molecular mass of 19.6 kDa. The sTRAIL is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless liquid.

Synonyms:

Tumor necrosis factor ligand superfamily member 10, TNF-related apoptosis-inducing ligand, Protein TRAIL, Apo-2 ligand, Apo-2L, CD253 antigen, TL2, APO2L, TNFSF10.

Formulation:

TRAIL protein solution (1mg/ml) containing 20mM Tris-HCl pH-7.5, 300mM NaCl, 0.1mM DTT & 10% glycerol.

Purity:

Greater than 95.0% 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:

MVRERGPQRV AAHITGTRGR SNTLSSPNSK NEKALGRKIN SWESSRSGHS FLSNLHLRNGELVIHEKGFY
YIYSQTYFRF QEEIKENTKN DKQMVQYIYK YTSYDPILL MKSARNSCWSKDAEYGLYSI YQGGIFELKE
NDRIFVSVTN EHLIDMDHEA SFFGAFLVG.

Biological Activity:

Measured in a cell cytotoxicity assay using Jurkat human T lymphocyte. The ED50 for this effect is less or equal to 1 ng/ml.