

Mouse TRAIL Recombinant Protein



RPPB1057

Product Information Protein Information

Product SKU:

RPPB1057

Accession:

P50592

Host:

Escherichia Coli.

Protein description:

TRAIL Recombinant Mouse produced in E.coli is a single, non-glycosylated polypeptide chain containing 175 amino acids and having a molecular mass of 20.2kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

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:

The protein was lyophilized containing PBS, pH 7.4, and 3mM DTT.

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 TRAIL Mouse Recombinant in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized TRAIL although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution TRAIL recombinant should be stored at 4C between 2-7 days and for future use below -18C. 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:

MPRGGRPQKV AAHITGITRR SNSALIPISK DGKTLGQKIE SWESSRKGHS FLNHVLFNRNG ELVIEQEGLY
YIYSQTYFRF QEAEDASKMV SKDKVRTKQL VQYIYKTSY PDPIVLMKSA RNSCWSRDAE YGLYSIYQGG
LFELKKNDRI FVSVTNEHLM DLDQEASFFG AFLIN

Biological Activity:

Fully biologically active when compared to standard. The ED₅₀ as determined by a cytotoxicity assay using murine L929 cells is less than 0.5 ng/ml, corresponding to a specific activity of > 2,000,000 IU/mg in the presence of actinomycin D.