

Human TRAIL protein (active)

Cat. No. GTX29960-pro

Applications	Functional Assay
Species	Human

Package
50 µg

PRODUCT

Summary TRAIL/APO 2 Ligand Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 168 amino acids (Met+Arg115-Gly281) and having a molecular mass of ~21 kDa.

Applications

Application Note

The activity is determined by the cytolysis of Murine L929 cells in the presence of Actinomycin D, ED₅₀ for this effect is less than 2ng/ml, corresponding to a specific activity of 5,000,000IU/mg.

Properties

Form	Lyophilized powder
Buffer	Reconstitute with ddH ₂ O but not less than 100 µg/ml. Lyophilized from 0.2µm-filtered 20mM Tris-HCl (pH8.0), 150mM NaCl.
Preservative	No preservatives
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. For long-term storage, we recommend adding a carrier protein (0.1% HAS or BSA), then aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Region/Sequence	MRERGPQRVA AHITGTRGRS NTLSSPNSKN EKALGRKINS WESSRSGHSF LSNLHLRNGE LVIHEKGFYY IYSQTYFRFQ EEIKENTKND KQMVQYIYKY TSYDPILLM KSARNSCWSK DAEYGLYSIY QGGIFELKEN DRIFVSVTNE HLIDMDHEAS FFGAFLVG.
Expression System	E. coli
Purity	> 95% by SDS-PAGE and HPLC.
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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