KillerTRAIL™ Protein (soluble) (human), (recombinant) (BULK)

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Handling & Storage

Handling	Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -80°C.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Apo-2L, TNFSF 10, CD253
Biological Activity	Induces apoptosis in a concentration range of 10-100ng/ml. **Note:** This protein does not require a cross-linking enhancer for its potent biological activity. For cell lines that require extensive cross-linking of the TRAIL-Rs for killing (e.g. Jurkat) use SUPERKILLERTRAIL® (Prod. No. ALX-201-115).
Endotoxin Content	<10EU/µg protein (LAL test; Bio Whittaker).
Formulation	Liquid. In 20mM HEPES, pH 7.4, containing 150mM sodium chloride, 0.005% Tween 20, 1% sucrose, 1mM DTT.
Purity	≥98% (SDS-PAGE)
Purity Detail	Affinity purified.
Reconstitution	For a special storage and dilution buffer see KillerTRAIL™ Storage and Dilution Buffer (Prod. No. ALX-505-005).
Source	Produced in *E. coli*. The extracellular domain of human TRAIL (aa 95-281) is fused at the N-terminus to a His-tag and a linker peptide.
Specific Activity	ED_{50}: 20ng/ml (BJAB cells)
Specificity	Binds to human and mouse TRAIL receptors and osteoprotegerin (OPG).

UniProt ID P50591

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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