



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Recombinant Human CD253

Catalog No.
DS-01-0044

Species
Human

Preparation

Preparation: Recombinant protein expressed in *E.coli*

Purity: >98% by SDS PAGE and HPLC analysis

Protein Molecular Weight: 19.6kD (169 amino acid sequence)

Specificity

TRAIL (TNF-related Apoptosis Inducing Ligand) also known as CD253 and APT2L, is a cytotoxic protein which activates apoptosis in tumor cells but not in normal cells. TRAIL binds to two so-called 'death receptors', designated DR4 and DR5.

Formulation

Product Form: Purified recombinant protein – lyophilized

Reconstitution: Reconstitute with 50ul distilled water. * Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. RayBiotech recommends that the vial is gently mixed after reconstitution.

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: None Present

Approx. Protein Concentration: 1.0 mg/ml

Endotoxin Level: <0.1ng/ug

Applications

Table Summary of Protein Applications and Working Conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Western Blotting			.	
Functional Assays	.			0.2ng/ml - 20ng/ml

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Storage

Prior to reconstitution store at +4°C. Following reconstitution store at -20°C. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 3 months from date of dispatch

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