

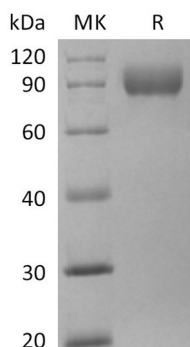
**Product Name: Recombinant Human TRAIL R3 (C-Fc-6His)**  
**Catalog #: PHH0318**



## Summary

<b>Name</b>	TRAIL R3/CD263/TNFRSF10C/TRID
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human TNF-Related Apoptosis-Inducing Ligand Receptor 3 is produced by our Mammalian expression system and the target gene encoding Ala26-Ala221 is expressed with a human IgG1 Fc, 6His tag at the C-terminus.
<b>Accession #</b>	O14798
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	48.7 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



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## Background

### Alternative Names

Tumor Necrosis Factor Receptor Superfamily Member 10C; Antagonist Decoy Receptor for TRAIL/Apo-2L; Decoy TRAIL Receptor Without Death Domain; Decoy Receptor 1; DcR1; Lymphocyte Inhibitor of TRAIL; TNF-Related Apoptosis-Inducing Ligand Receptor 3; TRAIL Receptor 3; TRAIL-R3; TRAIL Receptor Without an Intracellular Domain; CD263; TNFRSF10C; DCR1; LIT; TRAILR3; TRID

### Background

Tumor Necrosis Factor Receptor Superfamily Member 10C (TNFRSF10C) is a glycosyl-phosphatidylinositol-linked membrane protein which binds TRAIL with high affinity. TNFRSF10C has the TRAIL-binding extracellular cysteine-rich domains, lacks the intracellular signaling domain. As a result, binding of TRAIL to TRAIL R3 doesn't transduce an apoptosis signal. The expression of TRAIL R3 gene has been shown to protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL-induced apoptosis.

## Note

For Research Use Only , Not for Diagnostic Use.