

Product Name: Recombinant Human TRAIL R4 (C-Fc)
Catalog #: PHH1704

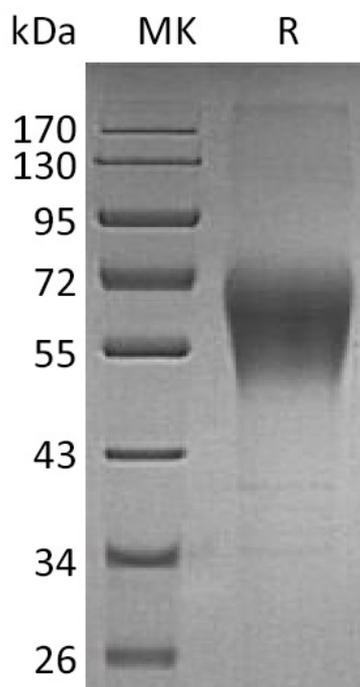


Summary

Name	TRAIL R4/TNFRSF10D/CD264
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 10D is produced by our Mammalian expression system and the target gene encoding Ala56-His211 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q9UBN6
Host	Human Cells
Species	Human
Predicted Molecular Mass	43.4 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	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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Alternative Names

Tumor necrosis factor receptor superfamily member 10D; Decoy receptor 2; DcR2; TNF-related apoptosis-inducing ligand receptor 4; TRAIL receptor 4; TRAIL-R4; TRAIL receptor with a truncated death domain; CD264; TNFRSF10D; DCR2; TRAILR4; TRUND

Background

Human TRAIL R4 is a type 1, TNF R family membrane protein, which is a receptor for TRAIL (APO2 ligand). TRAIL R4 contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. In the new TNF superfamily nomenclature, TRAIL R4 is referred to as TNFRSF10D. TRAIL R4 is unique among the TRAIL receptors in that its cytoplasmic domain contains a truncated consensus death domain motif. Binding of TRAIL R4 does not result in an apoptotic signal. Overexpression of TRAIL R4 can protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL mediated apoptosis. The human soluble TRAIL R4/Fc chimera neutralizes the ability of TRAIL to induce apoptosis.

Note

For Research Use Only , Not for Diagnostic Use.