

**Synonym**

TNFRSF10D,CD264,TRAILR4,DCR2,TRUNDD

**Source**

Human TRAIL R4, His Tag (TR4-H52H5) is expressed from human 293 cells (HEK293). It contains AA Ala 56 - His 211 (Accession # [NP\\_003831](#)).

Predicted N-terminus: Ala 56

**Molecular Characterization**

CD264(Ala 56 - His 211) NP_003831	Poly-his
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This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 18.7 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

>95% as determined by SDS-PAGE.

**Formulation**

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Contact us for customized product form or formulation.

**Reconstitution**

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

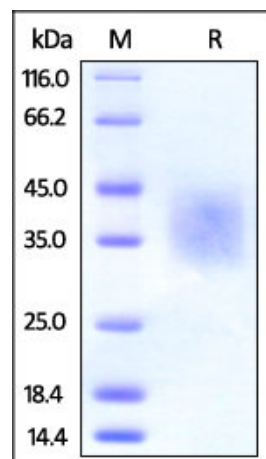
**Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

**SDS-PAGE**

Human TRAIL R4, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

**Background**

Tumor necrosis factor receptor superfamily member 10D (TNFRSF10D) is also known as Decoy receptor 2 (DcR2), TNF-related apoptosis-inducing ligand receptor 4 (TRAIL receptor 4 or TRAIL-R4), CD264, which is the single-pass type I membrane protein. TNFRSF10D is receptor for the cytotoxic ligand TRAIL, which contains a truncated death domain and hence is not capable of inducing apoptosis but protects against TRAIL-mediated apoptosis.

**References**

Please contact us via [TechSupport@acrobiosystems.com](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.