

## ARG70300

## Human CD264 / TRAIL R4 recombinant protein (ECD) (Fc-His-tagged, C-ter)

Package: 100 µg

Store at: -20°C

### Summary

Product Description	HEK293 expressed, Fc-His-tagged (C-ter) Human CD264 / TRAIL R4 recombinant protein (ECD).
Tested Reactivity	Hu
Tested Application	Binding, SDS-PAGE
Target Name	CD264 / TRAIL R4 (ECD)
Species	Human
A.A. Sequence	Ala56 - His211 of Human CD264 / TRAIL R4 (NP_003831.2) with an Fc-6X His tag at the C-terminus.
Expression System	HEK293
Alternate Names	Tumor necrosis factor receptor superfamily member 10D; CD264; DCR2; CD antigen CD264; DcR2; Decoy receptor 2; TNF-related apoptosis-inducing ligand receptor 4; TRUNDD; TRAILR4; TRAIL receptor with a truncated death domain; TRAIL receptor 4; TRAIL-R4

### Application Instructions

Application Note	Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human TRAIL at 2µg/ml (100 µl/well) can bind Recombinant Human DcR2 with a linear range of 15-60 ng/ml.
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### Properties

Form	Powder
Purification Note	0.22 µm filter sterilized. Endotoxin level is 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1 - 0.5 mg/ml in sterile distilled water.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

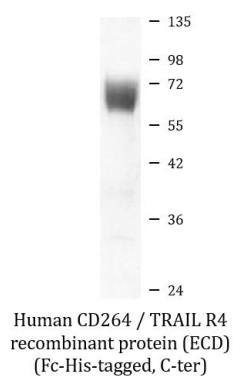
### Bioinformation

Gene Symbol	TNFRSF10D
Gene Full Name	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis. [provided by RefSeq, Jul 2008]

Function	Receptor for the cytotoxic ligand TRAIL. Contains a truncated death domain and hence is not capable of inducing apoptosis but protects against TRAIL-mediated apoptosis. Reports are contradictory with regards to its ability to induce the NF-kappa-B pathway. According to PubMed:9382840, it cannot but according to PubMed:9430226, it can induce the NF-kappa-B pathway. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

## Images

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ARG70300 Human CD264 / TRAIL R4 recombinant protein (ECD) (Fc-His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70300 Human CD264 / TRAIL R4 recombinant protein (ECD) (Fc-His-tagged, C-ter).