TRAILR4/TNFRSF10D Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P78531
Synonyms:	CD264; RSF10D; TRAILR4; DCR2; TRUNDD; TNFRSF10D
Species:	Human
Source:	HEK293
Accession:	Q9UBN6 (A56-H211)
Gene ID:	8793
Molecular Weight:	38-45 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The TRAILR4/TNFRSF10D Protein functions as a receptor for the cytotoxic ligand TRAIL, although it contains a truncated death domain, rendering it incapable of inducing apoptosis. Paradoxically, TRAILR4/TNFRSF10D not only fails to induce apoptosis but also serves a protective role against TRAIL-mediated apoptosis. There is conflicting information regarding its ability to activate the NF-kappa-B pathway, with some studies suggesting that it cannot induce this pathway, while others propose that it has the capability to activate NF-kappa-B. The dual nature of TRAILR4/TNFRSF10D in interacting with TRAIL, both as a receptor and as a protective factor against apoptosis, underscores the complexity of its regulatory functions in cellular responses to TRAIL signaling.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA