

TNFRSF10C Protein, Human (210a.a, HEK293, His)

Cat. No.:	HY-P76860
Synonyms:	Tumor necrosis factor receptor superfamily member 10C; DcR1; TRAIL-R3; CD263
Species:	Human
Source:	HEK293
Accession:	O14798 (A26-P235)
Gene ID:	8794
Molecular Weight:	Approximately 23.6 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
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 TNFRSF10C Protein serves as a receptor for the cytotoxic ligand TRAIL; however, it lacks a cytoplasmic death domain, rendering it incapable of inducing apoptosis. Instead, TNFRSF10C may play a protective role in cells by competing with TRAIL-R1 and R2 for binding to the ligand, potentially acting as a decoy receptor and thereby mitigating TRAIL-mediated apoptosis. This unique feature highlights the regulatory complexity of TNFRSF10C in modulating cellular responses to TRAIL signaling and suggests its involvement in fine-tuning the balance between survival and apoptotic pathways.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

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