

TRAIL R2/TNFRSF10B Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P78567
Synonyms:	TNFRSF10B; TRAILR2; TRAIL-R2; CD262; DR5; KILLER; TRICK2; ZTNFR9; TRICKB
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5TXK0 (I58-S212)
Gene ID:	102133727
Molecular Weight:	25-35 kDa

PROPERTIES

Biological Activity	Immobilized Cynomolgus TRAIL R2, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-TRAIL R2 Antibody, hFc Tag with the EC ₅₀ of 4.7ng/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant 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	TRAIL R2/TNFRSF10B Protein functions as a receptor for the cytotoxic ligand TNFSF10/TRAIL. Upon ligand binding, the adapter molecule FADD recruits caspase-8 to the activated receptor, forming the death-inducing signaling complex (DISC). Caspase-8 is then proteolytically activated, initiating a cascade of caspases that mediate apoptosis. Notably, TRAIL R2/TNFRSF10B lacks conserved residue(s) necessary for the propagation of feature annotation.
------------	--

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