

32-8991: Recombinant Human TRAIL R4/TNFRSF10D/CD264 (C-Fc)

Gene : TNFRSF10D

Gene ID : 8793

Uniprot ID : Q9UBN6

Description

Source: Human Cells.

MW :43.4kD.

Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 10D is produced by our Mammalian expression system and the target gene encoding Ala56-His211 is expressed with a Fc tag at the C-terminus. Human TRAIL R4 is a type 1, TNF R family membrane protein, which is a receptor for TRAIL (APO2 ligand). TRAIL R4 contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. In the new TNF superfamily nomenclature, TRAIL R4 is referred to as TNFRSF10D. TRAIL R4 is unique among the TRAIL receptors in that its cytoplasmic domain contains a truncated consensus death domain motif. Binding of TRAIL R4 does not result in an apoptotic signal. Overexpression of TRAIL R4 can protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL mediated apoptosis. The human soluble TRAIL R4/Fc chimera neutralizes the ability of TRAIL to induce apoptosis.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : ATIPRQDEVPPQQTVAQQRRSLKEEECPAGSHRSEYTGACNPCTEGVDYTIASNNLPSCLLCTVCKSGQTNK
SSCTTTRDTCQCEKGSFQDKNSPEMCRTRCRTCPCPRGMVKVSNCTPRSDIKCKNESAASTGKTPAAEETVTT
ILGMLASPHYIEGRIDPKSCDKHTCPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFN
WYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY
TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNV
FCSVMHEALHNHYTQKSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.