

Product Name: Recombinant Human TWEAK R (C-Fc)
Catalog #: PHH0319

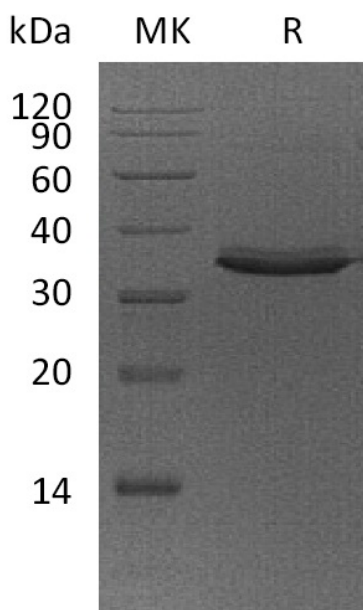


Summary

Name	CD266/TNFRSF12A/Fn14/TWEAKR
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human TNF-related Weak Inducer Of Apoptosis Receptor is produced by our Mammalian expression system and the target gene encoding Glu28-Trp79 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q9NP84
Host	Human Cells
Species	Human
Predicted Molecular Mass	32.7 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

TNFRSF12A; Fibroblast growth factor-inducible immediate-early response protein 14; FN14; CD266 antigen and tweak-receptor

Background

Tumor necrosis factor receptor superfamily member 12A (TNFRSF12A) is also known as Fibroblast growth factor-inducible immediate-early response protein 14, FN14, CD266 antigen and tweak-receptor. TNFRSF12A is a single-pass type I membrane protein, including a 27 aa signal peptide, a 53 aa extracellular domain, a 21 aa transmembrane domain and a 28 aa cytoplasmic domain. TNFRSF12A is highly expressed in heart, placenta and kidney. TNFRSF12A can be induced by FGF1 and phorbol ester. TNFRSF12A binds to TWEAK/TNFSF12A to initiate a signal transduction cascade, causing different cellular responses such as cell death, cell proliferation, and angiogenesis.

Note

For Research Use Only , Not for Diagnostic Use.