

Product Name: Recombinant Human DR6 (C-Fc)
Catalog #: PHH0542

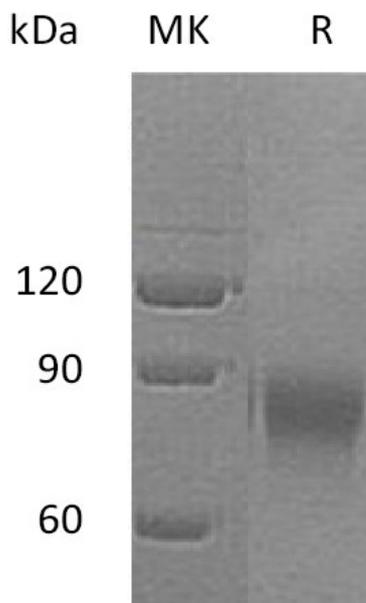


Summary

Name	DR6/TNFRSF21
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Death Receptor 6 is produced by our Mammalian expression system and the target gene encoding Gln42-Leu350 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	O75509
Host	Human Cells
Species	Human
Predicted Molecular Mass	61.7 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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

Tumor Necrosis Factor Receptor Superfamily Member 21; Death Receptor 6; CD358; TNFRSF21; DR6; UNQ437/PRO868

Background

Tumor Necrosis Factor Receptor Superfamily Member 21 (TNFRSF21) is a type I transmembrane receptor that includes four extracellular cysteine-rich motifs and a cytoplasmic death domain. DR6 is highly expressed in heart, brain, placenta, pancreas, lymph node, thymus and prostate. DR6 may activate NF-kappa-B and JNK to promote apoptosis and T-cell differentiation. In addition, DR6 binds with N-APP, which is released by the deprivation of Trophic-factor. It triggers caspase activation and degeneration of both neuronal cell bodies (via caspase-3) and axons (via caspase-6). DR6 is also expressed on the tumor cell lines and can be induced by TNF- α .

Note

For Research Use Only , Not for Diagnostic Use.