

Product Name: Recombinant Mouse DR6 (C-Fc-6His)
Catalog #: PHM0341

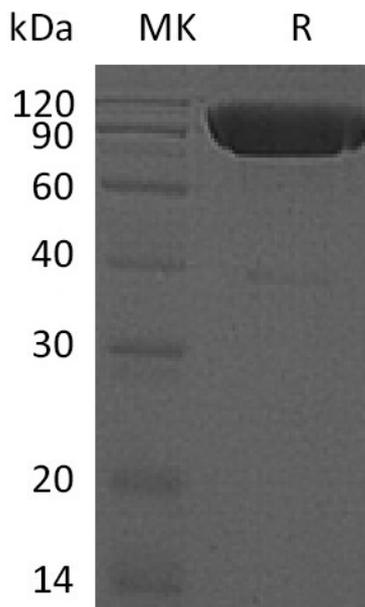


Summary

Name	CD358/DR6/TNFRSF21
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Death Receptor 6 is produced by our Mammalian expression system and the target gene encoding Gln42-His349 is expressed with a human IgG1 Fc, 6His tag at the C-terminus.
Accession #	Q9EPU5
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	64.7 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;Tnfrsf21;CD358;BM-018;DR6

Background

Tumor necrosis factor receptor superfamily member 21(DR6) is a single-pass type I membrane protein and contains 1 death domain and 4 TNFR-Cys repeats. The protein may activate NF-kappa-B and promote apoptosis and it may activate JNK and be involved in T-cell differentiation. It is required for both normal cell body death and axonal pruning. Trophic-factor deprivation triggers the cleavage of surface APP by beta-secretase to release sAPP-beta which is further cleaved to release an N-terminal fragment of APP (N-APP). N-APP binds TNFRSF21 triggering caspase activation and degeneration of both neuronal cell bodies (via caspase-3) and axons (via caspase-6).

Note

For Research Use Only , Not for Diagnostic Use.