

**Product Name: Recombinant Mouse TRAIL R2 (C-Fc)**  
**Catalog #: PHM1683**

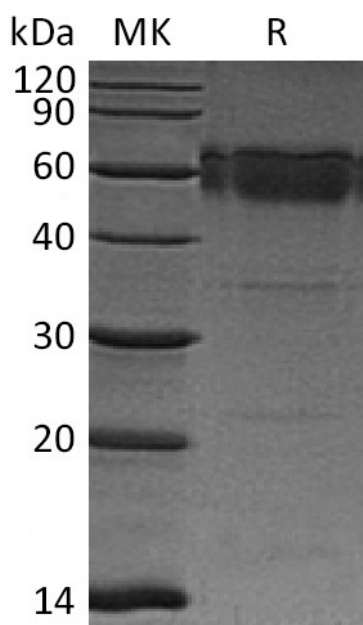


## Summary

<b>Name</b>	TRAIL R2/TNFRSF10B/CD262/DR5/KILLER/Fas-like protein
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Mouse TNF-Related Apoptosis-Inducing Ligand Receptor 2 is produced by our Mammalian expression system and the target gene encoding Asn53-Ser177 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	Q9QZM4
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	40.9 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	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 10B; Death receptor 5; MK; CD262; Tnfrsf10b; Dr5; Killer

### Background

Mouse tumor necrosis factor receptor superfamily member 10B (TNFRSF10B) is a member of the TNFR family which contains 1 death domain and 3 TNFR-Cys repeats. TNFRSF10B exhibits high structural and functional homology to TRAIL-R1 (DR-4). TNFRSF10B is highly expressed in heart, lung, lymphocytes, spleen and kidney. In addition, it is regulated by the tumor suppressor p53. TNFRSF10B is the receptor for the cytotoxic ligand TNFSF10/TRAIL. It promotes the activation of NF-kappa-B and is essential for ER stress-induced apoptosis. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases mediating apoptosis.

### Note

For Research Use Only , Not for Diagnostic Use.