

**Product Name: Recombinant Mouse TREM2 (C-6His)**  
**Catalog #: PHM2414**

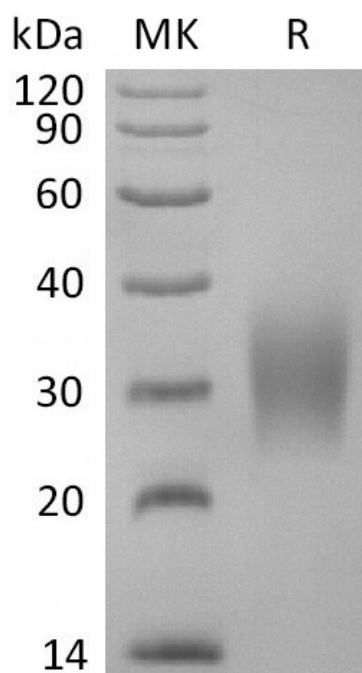


## Summary

<b>Name</b>	TREM-2/Triggering Receptor Expressed On Myeloid 2
<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 Triggering Receptor Expressed on Myeloid Cells 2 is produced by our Mammalian expression system and the target gene encoding Leu19-Ser171 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	Q99NH8
<b>Host</b>	Human cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	17.6 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, 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

Triggering receptor expressed on myeloid cells 2; Trem2; TREM-2; TREM2

### Background

TREM2 is a cell surface receptor of the immunoglobulin superfamily. TREM2 is a type-1 transmembrane protein that shuttles to the plasma membrane where it exerts its cell autonomous biological functions. TREM2 undergoes regulated intramembrane proteolysis (RIP). TREM2 is preferentially expressed in microglia and is functionally required for migration, cytokine release, phagocytosis, lipid sensing, ApoE binding, shielding of amyloid plaques, and microglia proliferation in the brain. Most of the functionally investigated mutations are located within the Ig-like domain of TREM2.

### Note

For Research Use Only , Not for Diagnostic Use.