Datasheet for ABIN7320673

# TREM1 Protein (His tag)

1 Image

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## Overview

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|---|---|
| Quantity: | 50 µg |
| Target: | TREM1 |
| Origin: | Mouse |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TREM1 protein is labelled with His tag. |

## Product Details

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| Purpose: | Recombinant Mouse TREM1 Protein (His Tag) |
| Sequence: | Ala21-Ser202 |
| Characteristics: | Recombinant Mouse Triggering Receptor Expressed On Myeloid Cells 1 is produced by our Mammalian expression system and the target gene encoding Ala21-Ser202 is expressed with a 6His tag at the C-terminus. |
| Purity: | > 95 % as determined by SDS-PAGE |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

## Target Details

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| Target: | TREM1 |
| Alternative Name: | TREM1 (TREM1 Products) |
| Background: | Background: Triggering Receptor Expressed on Myeloid Cells 1 (TREM-1) is a transmembrane protein with a single Ig-like domain. TREM-1 associates with the adapter protein, DAP12, to |

## Target Details

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| | deliver an activating signal. TREM-1 is expressed on blood neutrophils and monocytes, and the expression is up-regulated by bacterial LPS. TREM-1 is expressed at high levels on neutrophils of patients with microbial sepsis and in mice with a TREM-1/Fc fusion protein protected mice against LPS-induced shock. It stimulates neutrophil and monocyte-mediated inflammatory responses. Triggers release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. TREM-1 is amplifier of inflammatory responses that are triggered by bacterial and fungal infections and are a crucial mediator of septic shock.<br>Synonym: Triggering receptor expressed on myeloid cells 1, TREM-1, CD354, Trem1 |
| Molecular Weight: | 20.9 kDa |
| UniProt: | Q9JKE2 |

## Application Details

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| Restrictions: | For Research Use only |

## Handling

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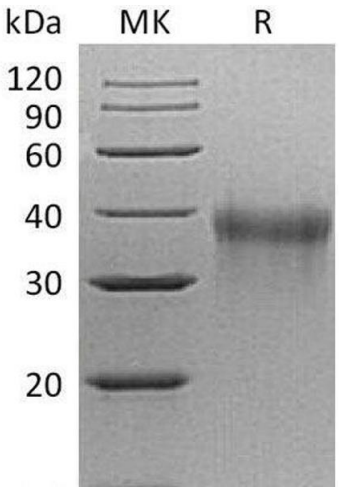
| Format: | Lyophilized |
| Reconstitution: | Please refer to the printed manual for detailed information. |
| Buffer: | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |




**Western Blotting**

**Image 1.**