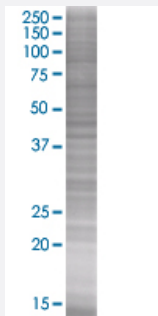


TREM1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054210-T01

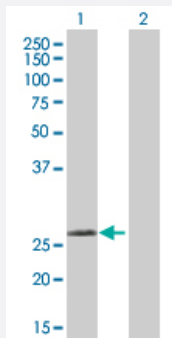
Size 100 uL

Applications



SDS-PAGE Gel

TREM1 transfected lysate.



Western Blot

Lane 1: TREM1 transfected lysate (25.85 kDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TREM1 full-length
Host	Human
Theoretical MW (kDa)	25.85
Interspecies Antigen Sequence	Mouse (45); Rat (46)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TREM1 antibody ([H00054210-B01](#)) by Western Blots.
 SDS-PAGE Gel
 TREM1 transfected lysate.
 Western Blot
 Lane 1: TREM1 transfected lysate (25.85 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TREM1

Entrez GeneID

[54210](#)

GeneBank Accession#

[NM_018643](#)

Protein Accession#

[NP_061113](#)

Gene Name

TREM1

Gene Alias

TREM-1

Gene Description

triggering receptor expressed on myeloid cells 1

Omim ID

[605085](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Monocyte/macrophage- and neutrophil-mediated inflammatory responses can be stimulated through a variety of receptors, including G protein-linked 7-transmembrane receptors (e.g., FPR1; MIM 136537), Fc receptors (see MIM 146790), CD14 (MIM 158120) and Toll-like receptors (e.g., TLR 4; MIM 603030), and cytokine receptors (e.g., IFNGR1; MIM 107470). Engagement of these receptors can also prime myeloid cells to respond to other stimuli. Myeloid cells express receptors belonging to the Ig superfamily, such as TREM1, or to the C-type lectin superfamily. Depending on their transmembrane and cytoplasmic sequence structure, these receptors have either activating (e.g., KIR2DS1; MIM 604952) or inhibitory functions (e.g., KIR2DL1; MIM 604936).[supplied by OMIM]

Other Designations

OTTHUMP00000016370|triggering-receptor TREM1

Disease

- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Sepsis](#)
- [Skin Diseases](#)