

## TREM-2 active protein

Active Recombinant Mouse TREM-2 Protein

|                               |                             |
|-------------------------------|-----------------------------|
| CATALOG #<br><b>AAA282559</b> | HOST<br><b>HEK293 cells</b> |
|-------------------------------|-----------------------------|

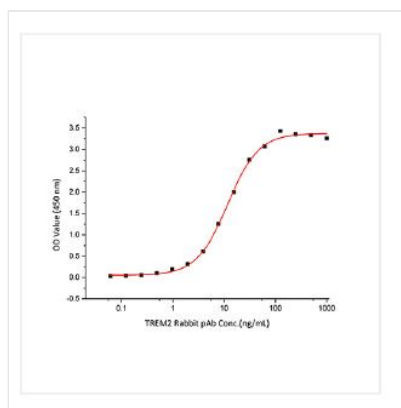
### PRODUCT SYNONYMS

TREM-2; Active Recombinant Mouse TREM-2 Protein; Trem2a; Trem2b; Trem2c; TREM2; TREM-2 active protein

### PRODUCT SPECIFICATIONS

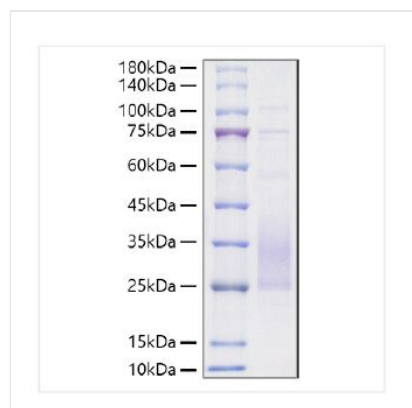
|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                                                                                                                                                  |
| Purity/Purification     | > 90% by SDS-PAGE.                                                                                                                                                                                                                            |
| Form/Format             | Liquid<br>Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.                                                                                                                                                                        |
| Species                 | Mouse                                                                                                                                                                                                                                         |
| Tag                     | C-His                                                                                                                                                                                                                                         |
| Bioactivity             | Measured by its binding ability in a functional ELISA. Immobilized Mouse TREM-2 Protein at 1 ug/mL (100 uL/well) can bind TREM-2 Rabbit pAb with a linear range of 0.06-11.7 ng/mL.                                                           |
| Preparation and Storage | Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles.<br>Ship: Ice Pack |

### IMAGES



#### Application Data

Immobilized Mouse TREM-2 Protein at 1 ug/mL (100 uL/well) can bind TREM-2 Rabbit pAb with a linear range of 0.06-11.7 ng/mL.



#### SDS-PAGE

Recombinant Mouse TREM-2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-40 kDa.

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                        |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for TREM-2 active protein | Active Recombinant Mouse TREM-2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu19-Ser171) of mouse TREM-2 (Accession #NP_112544.1) fused with a 6×His tag at the C-terminus. |
| Product Categories/Family for TREM-2 active protein   | <a href="#">Other Recombinant Protein</a>                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 440918700                                                                                                                                                                                                                                               |
| NCBI GeneID                      | 83433                                                                                                                                                                                                                                                   |
| NCBI Accession #                 | NP_001259007.1                                                                                                                                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_001272078.1                                                                                                                                                                                                                                          |
| UniProt Accession #              | Q99NH8; Q8CGK4; Q8CIA6; Q99NH9; Q9JL34                                                                                                                                                                                                                  |
| Molecular Weight                 | 27,304 Da                                                                                                                                                                                                                                               |
| NCBI Official Full Name          | triggering receptor expressed on myeloid cells 2 isoform 2                                                                                                                                                                                              |
| NCBI Official Synonym Full Names | triggering receptor expressed on myeloid cells 2                                                                                                                                                                                                        |
| NCBI Official Symbol             | Trem2                                                                                                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | TREM-2; Trem2a; Trem2b; Trem2c                                                                                                                                                                                                                          |
| NCBI Protein Information         | triggering receptor expressed on myeloid cells 2; triggering receptor expressed on monocytes 2; triggering receptor expressed on myeloid cells 2a; triggering receptor expressed on myeloid cells 2b; triggering receptor expressed on myeloid cells 2c |
| UniProt Protein Name             | Triggering receptor expressed on myeloid cells 2                                                                                                                                                                                                        |
| UniProt Gene Name                | <b>Trem2</b>                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | Trem2a; Trem2b; Trem2c; TREM-2                                                                                                                                                                                                                          |
| UniProt Entry Name               | TREM2_MOUSE                                                                                                                                                                                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/trem-2/282559>