

## TIGIT active protein

Active Recombinant Mouse TIGIT Protein

|                               |                             |
|-------------------------------|-----------------------------|
| CATALOG #<br><b>AAA282550</b> | HOST<br><b>HEK293 cells</b> |
|-------------------------------|-----------------------------|

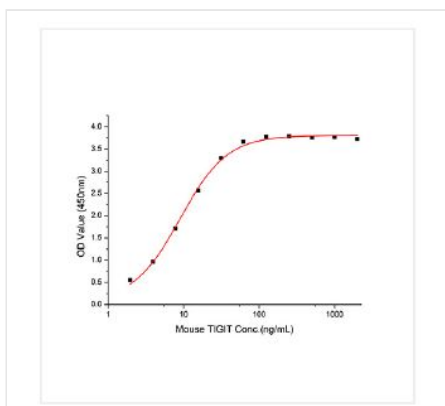
### PRODUCT SYNONYMS

TIGIT; Active Recombinant Mouse TIGIT Protein; VSIG9; VSTM3; TIGIT active protein

### PRODUCT SPECIFICATIONS

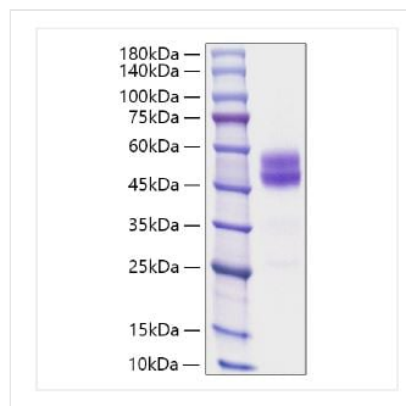
|                         |                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                                                                                                                                                                   |
| Form/Format             | Liquid<br>Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.                                                                                                                                                                                         |
| Species                 | Mouse                                                                                                                                                                                                                                                          |
| Tag                     | C-mFc                                                                                                                                                                                                                                                          |
| Bioactivity             | Measured by its binding ability in a functional ELISA. Immobilized Mouse CD155 at 2 ug/mL (100 uL/well) can bind Mouse TIGIT with a linear range of 2-9 ng/mL.                                                                                                 |
| Preparation and Storage | This liquid product is stable at <= 70 degree C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.<br>Ship: Dry Ice |

### IMAGES



#### Application Data

Immobilized Recombinant Mouse CD155 at 2 ug/mL (100 uL/well) can bind Mouse TIGIT with a linear range of 2-9 ng/mL.



#### SDS-PAGE

Recombinant Mouse TIGIT Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-50 kDa.

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for TIGIT active protein | Recombinant Human TIGIT Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly26-Gly141) of human TIGIT (Accession #NP_001139797.1) fused with a mFc tag at the C-terminus. |
| Product Categories/Family for TIGIT active protein   | Other Recombinant Protein                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 224493410                                      |
| NCBI GeneID                      | 100043314                                      |
| UniProt Accession #              | P86176                                         |
| Molecular Weight                 | 26,959 Da                                      |
| NCBI Official Full Name          | T-cell immunoreceptor with Ig and ITIM domains |
| NCBI Official Synonym Full Names | T cell immunoreceptor with Ig and ITIM domains |
| NCBI Official Symbol             | Tigit                                          |
| NCBI Official Synonym Symbols    | Vstm3                                          |
| NCBI Protein Information         | T-cell immunoreceptor with Ig and ITIM domains |
| UniProt Protein Name             | T-cell immunoreceptor with Ig and ITIM domains |
| UniProt Gene Name                | Tigit                                          |

**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/tigit/282550>