

## TIGIT recombinant protein

Biotinylated Human TIGIT Protein Recombinant

|           |                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CATALOG # | HOST                                                                                                                                    |
| AAA76311  | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.) |

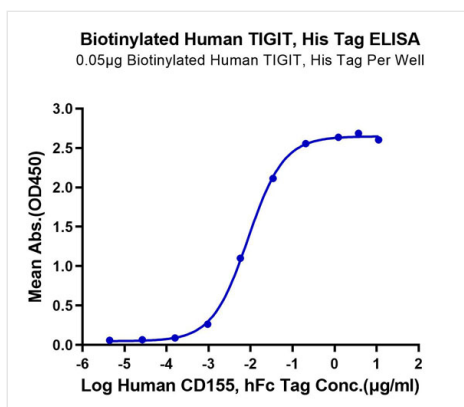
### PRODUCT SYNONYMS

TIGIT; Biotinylated Human TIGIT Protein Recombinant; TIGIT recombinant protein

### PRODUCT SPECIFICATIONS

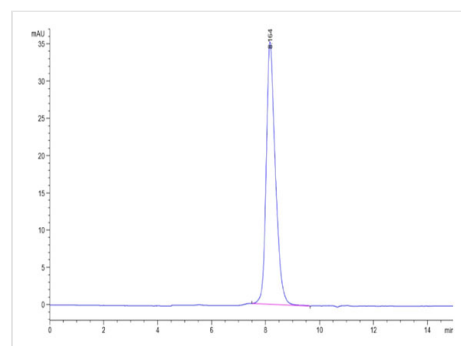
|                         |                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)                                                           |
| Purity/Purification     | >95%, as determined by SDS-PAGE and HPLC                                                                                                                                                          |
| Form/Format             | Recombinant Human TIGIT was lyophilized from 0.2 um filtered PBS solution pH7.4                                                                                                                   |
| Source                  | DNA sequence encoding Human TIGIT including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology. |
| Endotoxin               | Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).                                                                          |
| Reconstitution          | Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM                                                                                                                  |
| Preparation and Storage | The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.                                                                                                      |

### IMAGES



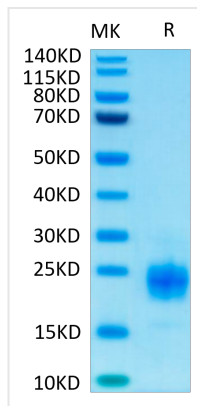
#### ELISA

Biotinylated Human TIGIT Protein ELISA Data: Immobilized Biotinylated Human TIGIT, His Tag at 0.5 µg/ml (100 µl/well) on the streptavidin precoated plate (5 µg/ml). Dose response curve for Human CD155, hFc Tag with the EC<sub>50</sub> of 8.7 ng/ml determined by ELISA.



#### Application Data

Biotinylated Human TIGIT Protein SEC-HPLC: The purity of Biotinylated Human TIGIT is greater than 95% as determined by SEC-HPLC.



#### Tris-Bis-PAGE

Biotinylated Human TIGIT Protein Tris-Bis PAGE Biotinylated Human TIGIT on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### ADDITIONAL INFORMATION

|                                                         |                       |
|---------------------------------------------------------|-----------------------|
| Product Categories/Family for TIGIT recombinant protein | Biotinylated proteins |
|---------------------------------------------------------|-----------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 121943253                                      |
| NCBI GeneID                      | 201633                                         |
| UniProt Accession #              | Q495A1; Q495A3; Q5JPD8; Q6MZS2; Q8N877         |
| Molecular Weight                 | 18,432 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    | VSIG9; VSTM3; WUCAM                            |
| 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                                          |
| UniProt Synonym Gene Names       | VSIG9; VSTM3                                   |

**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://www.aaabiotech.com/tigit-recombinant-protein-hek293-cells/76311>