

## Datasheet for ABIN6573520

### TIGIT Protein (Fc Tag)



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#### Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 50 µg                                       |
| Target:                       | TIGIT                                       |
| Origin:                       | Mouse                                       |
| Source:                       | Escherichia coli (E. coli)                  |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This TIGIT protein is labelled with Fc Tag. |

#### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Recombinant Mouse TIGIT/VSIG9/VSTM3 (C-Fc)                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence:        | GTIDTKRNI AEEGGSVILQ CHFSSDTAEV TQVDWKQQDQ LLAIYSVDLG WHVASVFSDR<br>VVPGPSLGLT FQSLTMNDTG EYFCTYHTYP GGIYKGRIFL KVQESSVAQF QTAPLGGTIE<br>GRMDPEPRGP TIKPCPPCKC PAPNLLGGPS VFIFPPKIKD VLMISLSPIV TCVVVDVSED<br>DPDVQISWFV NNVEVHTAQT QTHREDYNST LRVVSALPIQ HQDWMMSGKEF KCKVNNKDLP<br>APIERTISKP KGSVRAPQVY VLPPPEEEMT KKQVTLTCMV TDFMPEDIYV EWTNNGKTEL<br>NYKNTEPVLD SDGSYFMYSK LRVEKKNWVE RNSYSCSVVH EGLHNHHTTK SFSRTPGK |
| Purity:          | > 95 % as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                               |
| Sterility:       | 0.2 µm filtered                                                                                                                                                                                                                                                                                                                                                                                                          |
| Endotoxin Level: | Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test                                                                                                                                                                                                                                                                                                                                                                 |

#### Target Details

|         |       |
|---------|-------|
| Target: | TIGIT |
|---------|-------|

## Target Details

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Alternative Name: | TIGIT/VSIG9/VSTM3 ( <a href="#">TIGIT Products</a> ) |
| Molecular Weight: | 40.1 kDa                                             |
| NCBI Accession:   | <a href="#">NP_001139797</a>                         |
| Pathways:         | <a href="#">Cancer Immune Checkpoints</a>            |

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                  |                                                                                                                                                                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                                                                                                                          |
| Reconstitution:  | <p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>                                   |
| Buffer:          | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                          |
| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting.                                                                                                                                                                                           |
| Storage:         | 4 °C/-20 °C/-80 °C                                                                                                                                                                                                                                                   |
| Storage Comment: | <p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p> |