

## GITR recombinant protein

Recombinant human GITR protein with C-terminal human Fc and 6xHis tag

|                              |                             |                                     |
|------------------------------|-----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA47200</b> | HOST<br><b>HEK293 cells</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------------|-------------------------------------|

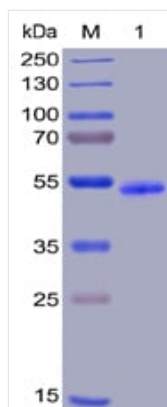
### PRODUCT SYNONYMS

GITR; Recombinant human GITR protein with C-terminal human Fc and 6xHis tag; Human GITR Protein; hFc-His tag; AITR; TNFRSF18; CD357; GITR recombinant protein

### PRODUCT SPECIFICATIONS

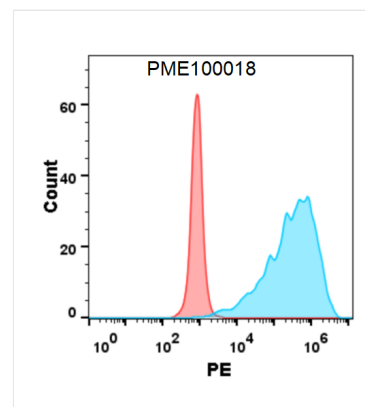
|                                                      |                                                                                                                |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                                 | HEK293 cells                                                                                                   |
| Purity/Purification                                  | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.           |
| Form/Format                                          | Lyophilized from sterile PBS, pH 7.4. Normally 5%-25% trehalose is added as protectants before lyophilization. |
| Sequence                                             | GITR(Gln26 -Pro162)+h Fc(Glu99-A la330)                                                                        |
| Applicable Applications for GITR recombinant protein | WB (Western Blot)                                                                                              |
| Source                                               | Human                                                                                                          |
| Conjugation                                          | C-Human Fc and 6xHis tag                                                                                       |
| Reconstitution                                       | Reconstitute with deionized water                                                                              |
| Preparation and Storage                              | Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)<br>Shipping: Blue Ice                |

### IMAGES



SDS-PAGE

Figure 1. Human GITR Protein, hFc-His Tag on SDS-PAGE under reducing condition.



FCM/FACS (Flow Cytometry)

Figure 1. Human GITR Protein, hFc-His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Related Product Information for GITR recombinant protein | This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4558503                                                                                                                                                                                             |
| NCBI GeneID                      | 8784                                                                                                                                                                                                |
| UniProt Accession #              | Q9Y5U5; O95851; Q5U0I4; Q9NYJ9; B1AME1                                                                                                                                                              |
| Molecular Weight                 | 26,000 Da                                                                                                                                                                                           |
| NCBI Official Full Name          | glucocorticoid-induced TNFR-related protein                                                                                                                                                         |
| NCBI Official Synonym Full Names | tumor necrosis factor receptor superfamily, member 18                                                                                                                                               |
| NCBI Official Symbol             | TNFRSF18                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | AITR; GITR; CD357; GITR-D                                                                                                                                                                           |
| NCBI Protein Information         | tumor necrosis factor receptor superfamily member 18; activation-inducible TNFR family receptor; glucocorticoid-induced TNFR-related protein; TNF receptor superfamily activation-inducible protein |
| UniProt Protein Name             | Tumor necrosis factor receptor superfamily member 18                                                                                                                                                |
| UniProt Gene Name                | TNFRSF18                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | AITR; GITR                                                                                                                                                                                          |
| UniProt Entry Name               | TNR18_HUMAN                                                                                                                                                                                         |

**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/tnfrsf18-recombinant-protein-hek293-cells-wb-western-blot/47200>