

PRODUCT INFORMATION

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| Target | GITR |
| Synonyms | AITR;GITR;TNFRSF18;CD357 |
| Description | Recombinant human GITR protein with C-terminal mouse Fc and 6×His tag |
| Delivery | In Stock |
| Uniprot ID | Q9Y5U5 |
| Expression Host | HEK293 |
| Tag | C-Mouse Fc and 6×His Tag |
| Molecular Characterization | GITR(Gln26-Pro162) mFc(Pro99-Lys330) 6×His |
| Molecular Weight | The protein has a predicted molecular mass of 50-52 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | 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. |
| Usage | Research use only |
| Conjugate | Unconjugated |



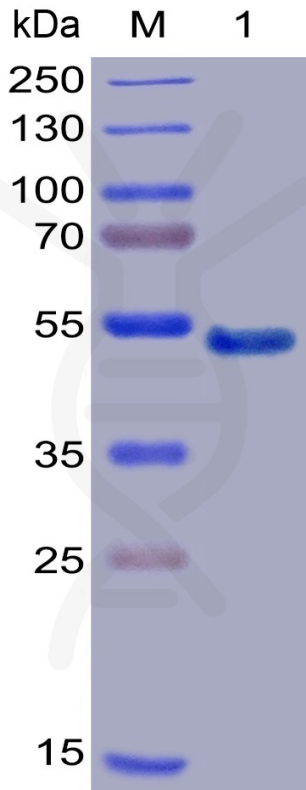


Figure 1. Human GITR Protein, mFc-His Tag on SDS-PAGE under reducing condition.

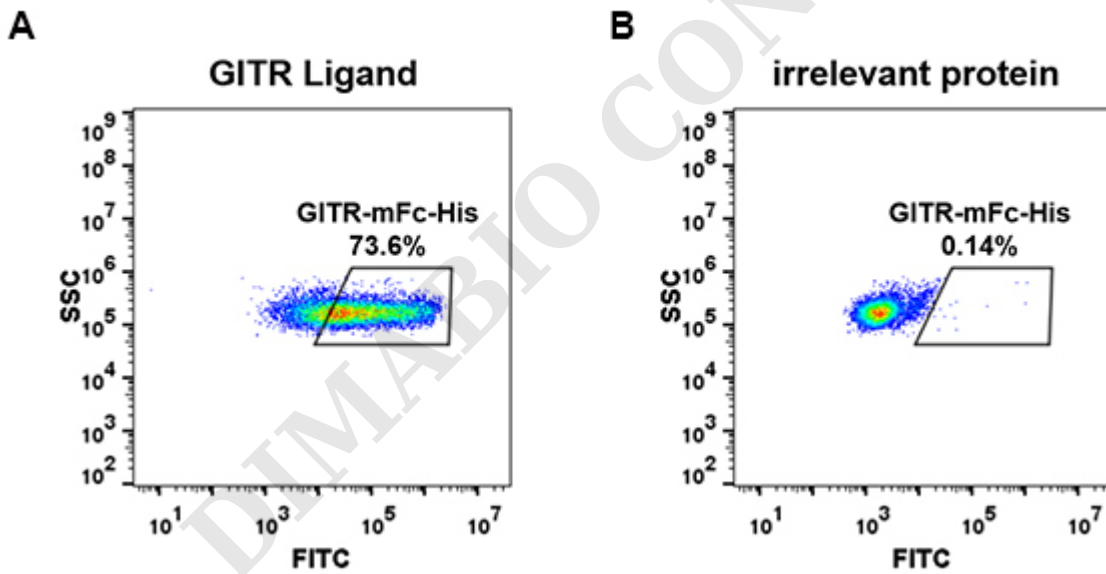


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human GITR Ligand (A) were surface stained with Human GITR, mFc-His tagged protein (PME100019) 1µg/ml followed by Alexa 488-conjugated anti-mouse IgG secondary antibody.

