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32-17019: Recombinant human GITR protein with C-terminal mouse Fc and 6Ã—His tag

Alternative Name : AITR, GITR, TNFRSF18, CD357

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 50-52 kDa after removal of the signal peptide.
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.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

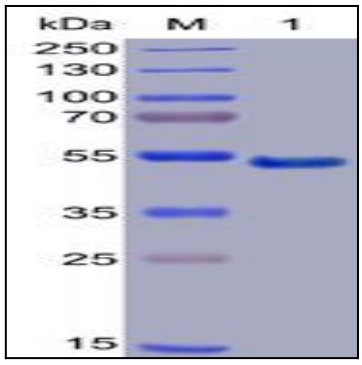


Figure 1. Human GITR Protein, mFc-His Tag on SDS-PAGE under reducing condition.

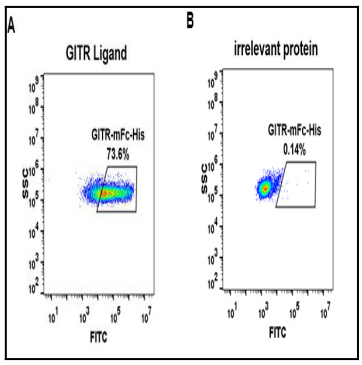


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human GITR Ligand (A) were surface stained with Human GITR, mFc-His tagged protein 1µg/ml followed by Alexa 488-conjugated anti-mouse IgG secondary antibody.

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