

RP01116

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Recombinant Human GITR Protein

Catalog No.: RP01116

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	8784	Q9Y5U5

Tags

C-Fc

Synonyms

TNFRSF18;AITR;CD357;GITR;GITR-D

Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is 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.

Basic Information

Description

Recombinant Human GITR Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Gln26-Glu161) of human GITR (Accession #Q9Y5U5) fused with an Fc tag at the C-terminus.

Bio-Activity

Storage

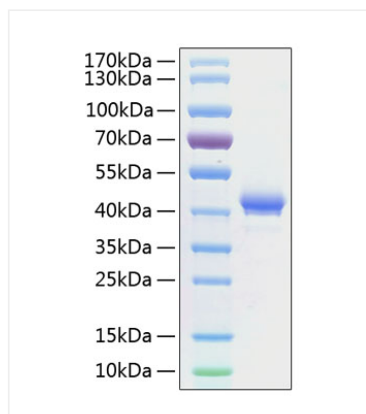
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human GITR Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 42-50 kDa.