

Recombinant Human GITR Protein

Catalog #	Source	Reactivity	Applications
CRP2714	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human GITR Protein is produced by mammalian expression system and the target gene encoding Gln26-Gln161 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	TNFRSF18
Alternative Names	AITR; GITR; Tumor necrosis factor receptor superfamily member 18; Activation-inducible TNFR family receptor; Glucocorticoid-induced TNFR-related protein; CD357
Entrez Gene	8784 (Human)
SwissProt	Q9Y5U5 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	QRPTGGPGCG PGRLLLTGT DARCCRVHTT RCCRDYPGEE CCSEWDCMCV QPEFHCGDPC CTTCRHPCP PGQGVQSQGK FSFGFQCIDC ASGTFSGGHE GHCKPWTDC TQFGLTVFPG NKTHNAVCPV GSPPAEIEGR MDPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS RDELTKNQVS LTCLVKGFPY SDIAVEWESN GQPENNYKTT PPVLDSDGSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTKSLSL S PGK
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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