

# Human GITR Ligand/TNFSF18, Tag Free Protein

## HA211265



<b>Product name:</b>	Human GITR Ligand/TNFSF18, Tag Free
<b>Species reactivity:</b>	Human
<b>Bio-Activity:</b>	Testing in progress.
<b>Protein construction description:</b>	A DNA sequence encoding the human GITR Ligand/TNFSF18 protein (Q9UNG2) (Leu 49-Ser 177) was expressed with tag free.

**Background:** Cytokine that binds to TNFRSF18/AITR/GITR. Regulates T-cell responses. Can function as costimulator and lower the threshold for T-cell activation and T-cell proliferation. Important for interactions between activated T-lymphocytes and endothelial cells. Mediates activation of NF-kappa-B. Triggers increased phosphorylation of STAT1 and up-regulates expression of VCAM1 and ICAM1. Promotes leukocyte adhesion to endothelial cells. Regulates migration of monocytes from the splenic reservoir to sites of inflammation.

**Purity:** >95% as determined by SDS-PAGE.

**Endotoxin:** Less than 1.0 EU per µg by the LAL method.

**Fragment region:** GITR Ligand/TNFSF18 (49-177)

**Source:** HEK293

**Accession:** Q9UNG2

**Predicted molecular mass:** 15.4 kD

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

**Reconstitution:** Reconstitute at 250 µg/ml in sterile water.

**Storage:** Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

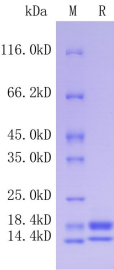
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**Fig1:** Protein on SDS-PAGE under reducing (R) condition.

**Note:** All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.