

Datasheet for ABIN6253482

TNFSF18 Protein (AA 74-199) (His tag)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	TNFSF18
Protein Characteristics:	AA 74-199
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF18 protein is labelled with His tag.

Product Details

Purpose:	GITRL, Soluble (human) (rec.) (His)
Specificity:	The extracellular domain of human GITRL (aa 74-199) is fused at the C-terminus to a His-tag.
Cross-Reactivity:	Human
Characteristics:	The extracellular domain of human GITRL (aa 74-199) is fused at the C-terminus to a His-tag.
Purity:	>90 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<0.06EU/µg purified protein (LAL test).

Target Details

Target:	TNFSF18
Alternative Name:	GITRL (TNFSF18 Products)

Target Details

Background:	<p>Glucocorticoid-induced TNF Receptor Ligand, AITRL, Activation-inducible TNF-related Ligand, TNFSF18</p> <p>GITRL (Glucocorticoid-induced TNF receptor ligand) is expressed on dendritic cells (DC), monocytes, macrophages, B cells, activated T cells, endothelial cells, osteoclasts and various healthy non-lymphoid tissues (e.g. testis). GITRL is constitutively expressed and released as soluble form by solid tumors and various hematopoietic malignancies. GITRL causes differentiation of osteoclasts, activation of macrophages, but also alteration of carcinoma and leukemia cells and influences apoptosis. Binding to GITR is important in regulating T cell proliferation and TCR-mediated apoptosis. GITRL is implicated in development of autoimmune diseases and in the immune response against infectious pathogens and tumors.</p>
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Molecular Weight:	~17kDa (SDS-PAGE)
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	After reconstitution, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1 % BSA should be used for further dilutions.
Storage:	4 °C,-20 °C
Storage Comment:	<p>Short Term Storage: +4°C</p> <p>Long Term Storage: -20°C</p> <p>Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.</p>
Expiry Date:	6 months