

Product Datasheet

Recombinant Mouse GITR Ligand/TNFSF18 Protein NBP2-26579

Unit Size: 0.05 mg

Store at -80C. Avoid freeze-thaw cycles.

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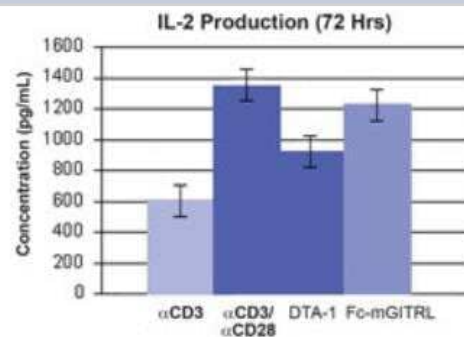
NBP2-26579

Recombinant Mouse GITR Ligand/TNFSF18 Protein

Product Information	
Unit Size	0.05 mg
Concentration	2 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Purity	Protein A purified
Buffer	Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 um filter sterilized.
Target Molecular Weight	39.78 kDa
Product Description	
Description	<p>A recombinant protein corresponding to TNFSF18.</p> <p>Amino Acid Sequence: DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK FNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNK ALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVE WESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEA LHNHYTQKSLSLSPGA <u>IESCMVKFELSSSKWHMTSPKPHCVNTTSDGKLKILQSGTYLIYGQVIPVDKKYI</u> <u>KDNAPFVVQIYKKNDVLQTLMNDFQILPIGGVYELHAGDNIYLFKNSKDHIQKTN</u> <u>TYWGIILMPDLPFIS.</u> Human IgG Fc in italics Extracellular domain of murine GITRL is underlined</p>
Gene ID	8995
Gene Symbol	TNFSF18
Species	Mouse
Details of Functionality	In vitro proliferation assay, in vivo assays.
Endotoxin Note	Endotoxin level < 0.1 EU/ug of the protein (< 0.01 ng/ug of the protein) as determined by the LAL test.
Product Application Details	
Applications	Functional, In vitro assay, SDS-Page
Recommended Dilutions	Functional reported in scientific literature (PMID 24633226), In vitro assay reported in scientific literature (PMID 24633226), SDS-Page

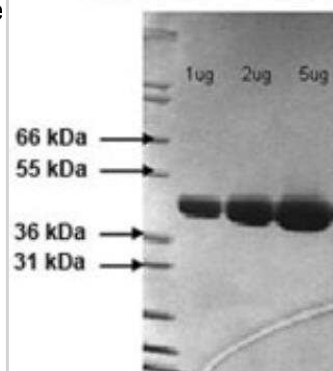
Images

Functional: Recombinant Mouse GITR Ligand/TNFSF18 Protein [NBP2-26579] - Demonstration of the potency of Fc-mGITRL in comparison to an agonist anti-mGITR antibody (IMG-5920A, clone DTA-1) and anti-CD28 in the presence of anti-CD3. Anti-CD3 antibody serves as a negative control for co-stimulation.



SDS-Page: Recombinant Mouse GITR Ligand/TNFSF18 Protein [NBP2-26579] - SDS-PAGE analysis of recombinant Fc-mGITRL to demonstrate purity of protein.

Recombinant mouse GITRL



Publications

Mahmud SA, Manlove LS, Schmitz HM et al. Costimulation via the tumor-necrosis factor receptor superfamily couples TCR signal strength to the thymic differentiation of regulatory T cells. *Nat Immunol.* [PMID: 24633226] (Func, In vitro, Mouse)

Details:

Citation using the Azide Free form of this antibody.

Hu P, Arias RS, Sadun RE et al. Construction and preclinical characterization of Fc-mGITRL for the immunotherapy of cancer. *Clin Cancer Res.* 2008-01-15 [PMID: 18223234]



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Products Related to NBP2-26579

NBP2-35053-5ug	Recombinant Human GITR Ligand/TNFSF18 Protein
210-TA-005	TNF-alpha [Unconjugated]
MAB6941	GITR Ligand/TNFSF18 Antibody (109101)
285-IF-100	IFN-gamma [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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