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Product Sheet

Mouse TNFRSF8(CD30) Protein; hFc Tag

GM-88431RP-100 / 100 μg
GM-88431RP-1000 / 1 mg

Product Information

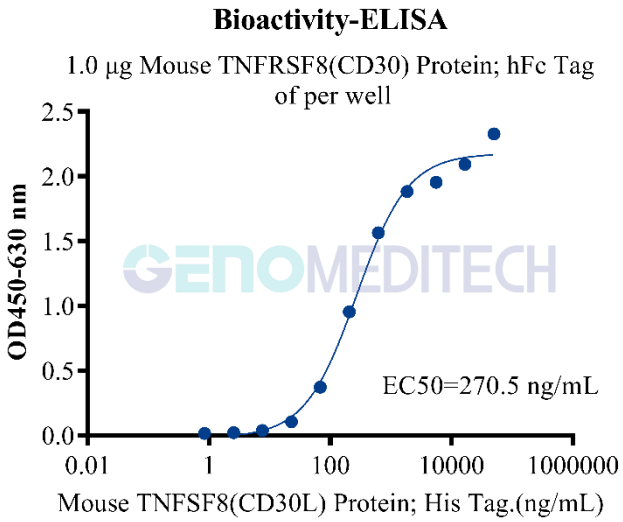
Product Name	Mouse TNFRSF8(CD30) Protein; hFc Tag
Source	Mouse TNFRSF8(CD30) Protein; hFc Tag (GM-88431RP) is expressed from human 293 cells (HEK-293). It contains AA Phe 19 - Thr 281(Accession # Q60846). This protein carries a hFc tag at the C-terminus.
Predicted MW	53.6 kDa
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/μg, determined by LAL gel clotting assay
Formulation	Liquid; Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Storage	Store at ≤ -70℃, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Shipping	Shipped on dry ice.
Synonyms	TNFRSF8, CD30, D1S166E, Ki-1
Background	TNFRSF8 (CD30, Ki-1 antigen) is a type I transmembrane glycoprotein of the tumor necrosis factor receptor superfamily that binds CD30 ligand (CD153). Its glycosylated ectodomain comprises six cysteine-rich domains and is cleaved by ADAM17 to release soluble CD30, a serum biomarker of disease activity. Present on activated but not resting lymphocytes, CD30 trimerizes upon ligand engagement and recruits TRAF1, TRAF2 and TRAF5, activating NF-κB and MAPK signaling that governs lymphocyte survival and cytokine output. CD30 is uniformly expressed by Reed-Sternberg cells of Hodgkin lymphoma and by anaplastic large cell lymphoma, serving as a diagnostic marker and as the target of brentuximab vedotin and CD30-targeted CAR-T cells.

Version 4.0.26.1019

For research use only!

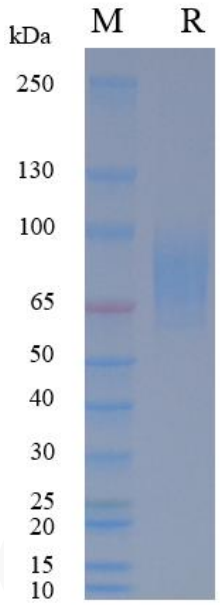
Data

Affinity



Mouse TNFRSF8(CD30) Protein; hFc Tag (Catalog # GM-88431RP) was immobilized at 10 μg/ml (100 μL/well). Increasing concentrations of Mouse TNFSF8(CD30L) Protein; His Tag (Catalog # GM-88436RP) were added.

Purity



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Related Products

TNFRSF8(CD30):TNFSF8(CD30L)	
H_TNFRSF8(CD30) CHO-K1 Cell Line	H_TNFRSF8(CD30) MC38 Cell Line
H_TNFSF8(CD30L) CHO-K1 Cell Line	H_TNFSF8(CD30L) HEK-293 Cell Line
Mouse_TNFSF8(CD30L) CHO-K1 Cell Line	
Anti-CD30 hIgG1 Reference Antibody(Brebio)	Anti-H_TNFRSF8(CD30) hIgG1 Antibody(Brentuximab)

Cynomolgus TNFRSF8(CD30) Protein; hFc Tag	Cynomolgus TNFRSF8(CD30) Protein; His Tag
Cynomolgus TNFSF8(CD30L) Protein; hFc Tag	Human TNFRSF8(CD30) Protein; hFc Tag
Human TNFRSF8(CD30) Protein; His Tag	Human TNFSF8(CD30L) Protein; hFc Tag
Human TNFSF8(CD30L) Protein; His Tag	Mouse TNFRSF8(CD30) Protein; His Tag
Mouse TNFSF8(CD30L) Protein; hFc Tag	Mouse TNFSF8(CD30L) Protein; His Tag

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