

Product Datasheet

Recombinant Mouse 4-1BB Ligand/TNFSF9 Protein NBP2-26580

Unit Size: 0.05 mg

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

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NBP2-26580

Recombinant Mouse 4-1BB Ligand/TNFSF9 Protein

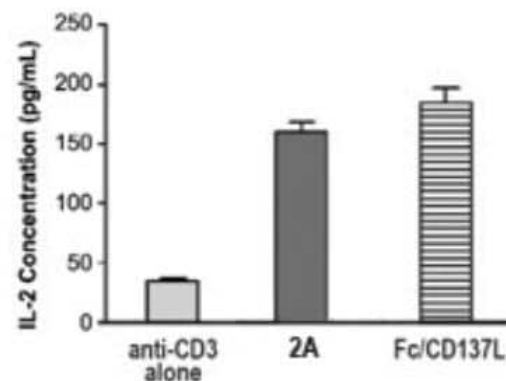
Product Information	
Unit Size	0.05 mg
Concentration	2.0 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Purity	Protein A purified
Buffer	Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 um filter sterilized.

Product Description	
Description	<p>A recombinant protein corresponding to TNFSF9.</p> <p>Amino Acid Sequence: EPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMSLSPIVTCVVVDVSEDD PDVQISWVFNVEVHTAQTQTHREDYNSTLRVVSALPIQHQQDWMSGKEFKCK VNNKDLPAPIERTISKPKGSVRAPQVYVLPPEEEEMTKKQVTLTCMVTDFMPE DIYVEWTNNGKTELNYKNTEPVLDSGYSFMYSKLRVEKKNWVERNSYSCSV VHEGLHNHHTTKSFSRTPGKSGR TEPRPALTITTSPNLGTRENNADQVTPVSHIGCPNTTQQGSPVFAKLLAKNQAS LCNTTLNWHSQDGAGSSYLSQGLRYEEDKKELVVDSPGLYYVFLELKLSPFTF NTGHKVQGWVSLVLQAKPQVDDFDNLALTVELFPCSMENKLVDRSWSQLLLL KAGHRLSVGLRAYLHGAQDAYRDWELSYPNNTTSFGLFLVKPDNPWE Mouse Ig-Fc amino acid sequences are in ItalicsLinker sequence (SGR) in bold Mouse CD137L sequences are underlined</p>
Gene ID	8744
Gene Symbol	TNFSF9
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.

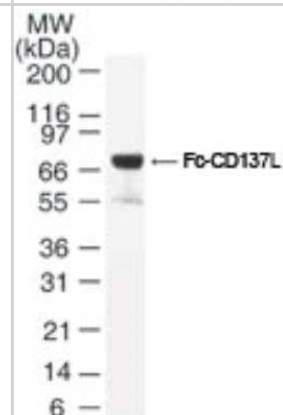
Product Application Details	
Applications	Functional, SDS-Page
Recommended Dilutions	Functional, SDS-Page

Images

Functional: Recombinant Mouse 4-1BB Ligand/TNFSF9 Protein [NBP2-26580] - Demonstration of the potency of mCD137L fusion protein in vitro in comparison to an agonist antibody 2A. Balb/c mouse splenocytes were incubated for 48 hrs on anti-CD3 (145-11C clone) monoclonal antibody coated plates in the presence of 2 mg/ml anti-CD3, 2A or Fc-mCD137L. The amount of IL-2 production induced by Fc-mCD137L was comparable to the induction by 2A antibody.



SDS-Page: Recombinant Mouse 4-1BB Ligand/TNFSF9 Protein [NBP2-26580] - Electrophoretic analysis of the purified Fc-mCD137L using Coomassie Blue stained 4-20% reducing SDS-PAGE.



Publications

Zhang N, Sadun RE, Arias RS et al. Targeted and untargeted CD137L fusion proteins for the immunotherapy of experimental solid tumors. Clin Cancer Res. 2007-05-01 [PMID: 17460060]



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Products Related to NBP2-26580

NBP2-34959-5ug	Recombinant Human 4-1BB Ligand/TNFSF9 Protein
210-TA-005	TNF-alpha [Unconjugated]
AF1246	4-1BB Ligand/TNFSF9 Antibody [Unconjugated]
285-IF-100	IFN-gamma [Unconjugated]

Limitations

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