

32-6556: 4-1BBR Human, Sf9

Alternative Name : Tumor Necrosis Factor Receptor Superfamily, Member 9, T-Cell Antigen 4-1BB Homolog, 4-1BB Ligand Receptor, T-Cell Antigen ILA, CD137 Antigen, CDw137, CD137, ILA, Interleukin-Activated Receptor, Homolog Of Mouse Ly63, Induced By Lymphocyte Activation (ILA), Homolog Of Mouse 4-1BB, Receptor Protein 4-1BB, T Cell Antigen ILA, 4-1BB, Tumor necrosis factor receptor superfamily member 9.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

4-1BBR is a member of the TNF-receptor superfamily. 4-1BB receptor contributes to the clonal expansion, survival, and development of T cells. 4-1BBR can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.

4-1BBR produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 411 amino acids (18-186a.a.) and having a molecular mass of 45.3kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). 4-1BBR is expressed with a 242 amino acid hIgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE

Content : 4-1BBR protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : ADLFERTRSL QDPCSNCPAG TFCDDNNRNQI CSPCPPNSFS SAGGQRTCDI CRQCKGVFRT RKECSSTSNA ECDCTPGFHC LGAGCSMCEQ DCKQGQELTK KGCKDCCFGT FNDQKRGICR PWTNCSLDGK SVLVNGTKER DVVCGPSPAD LSPGASSVTP PAPAREPGHS PQLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTL PPSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMEAL HNHYTQKSLS LSPGKHHHHH H.