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32-20017: Recombinant Human 4-1BB Receptor(Discontinued)

Alternative Name : TNFRSF9, CD137, T-cell antigen ILA, CDw137

Description

Source: E.coli
4-1BB Receptor, a member of the TNF superfamily of receptors, is mainly expressed on the surface of a variety of T cells, but also found in B cells, monocytes, and various transformed cell lines. 4-1BB Receptor binds to 4-1BBL to provide a co-stimulatory signal for T lymphocytes. Signaling by 4-1BB Receptor has been implicated in the antigen-presentation process and generation of cytotoxic T cells. The human 4-1BB Receptor gene codes for a 255 amino acid type I transmembrane protein containing a 17 amino acid N-terminal signal sequence, a 169 amino acid extracellular domain, a 27 amino acid transmembrane domain and a 42 amino acid cytoplasmic domain. Recombinant Human soluble 4-1BB Receptor is a 167 amino acid polypeptide (17.7 kDa), which contains the cysteine-rich TNFR-like extracellular domain of 4-1BB Receptor.

Product Info

Amount : 5 µg / 20 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Amino Acid : MERTRSLQDP CSNCPAGTFC DNNRNQICSP CPPNSFSSAG GQRTCDICRQ CKGVFRTRKE CSSTSNAECD CTPGFHCLGA GCSMCEQDCK QGQELTKKGC KNCCFGTFND QKRGICRPWT NCSLDGKSVL VNGTKERDVV CGPSPADLSP GASSVTPPAP AREPGHS

Application Note

Determined by its inhibitory effect of the 4-1BBL mediated stimulation of IL-8 production by human PBMC. About 90% of inhibition was seen using a concentration of 1µg for both 4-1BBL and 4-1BBR.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.