

## 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 CKGVFTRTRKE 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.