

## 32-1778: 4 1BBR, His Recombinant Protein

**Alternative Name :** Tumor necrosis factor receptor superfamily member 9,4-1BB ligand receptor T-cell,antigen 4-1BB homolog,T-cell antigen ILA,CD137 antigen,CDw137,ILA,4-1BB,MGC2172,4-1BBR,TNFRSF9.

### Description

Source : Escherichia Coli. 4-1BBR Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 193 amino acids (18-186 a.a) and having a molecular mass of 20kDa.4-1BBR is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** 4-1BBR protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.  
**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 :** MGSSHHHHHH SSGLVPRGSH MGSMFERTRS LQDPCSNCPA GTFCDNNRNQ ICSPCPPNSF  
SSAGGQRTCD ICRQCKGVFR TRKECSSTSN AECDCPTGFH CLGAGCSMCE QDCKQGQELT  
KKGCKDCCFG TFNDQKRGIC RPWTNCSLDG KSVLVNGTKE RDVVCGPSPA DLSPGASSVT  
PPAPAREPGH SPQ.