

4-1BB Receptor Active Protein | 4 1BBR active protein

Recombinant Human 4-1BB Receptor

CATALOG # AAA38219	HOST E Coli
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PRODUCT SYNONYMS

4-1BB Receptor; Recombinant Human 4-1BB Receptor; 4 1BBR Human; 4-1BB Receptor Human Recombinant; 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; 4 1BBR; 4 1BBR active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Lyophilized from a concentrated (1mg/ml) solution in water containing no additives. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	Thesequenc eofthefirs tfiveN-ter minalamino acidswasde terminedan dwasfoundt obeMet-Glu -Arg-Thr-A rg
Sequence Length	255
Solubility	It is recommended to reconstitute the lyophilized 4-1BB Receptor in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity was determined by the inhibition of 4-1BB ligand mediated stimulation of IL-8 production by human PBMC. Results: 90% inhibition using 1 ug for both 4-1BB ligand and 4-1BB receptor.
Preparation and Storage	Lyophilized 4-1BB Receptor although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution 4-1BBR should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for 4 1BBR active protein	Description: 4-1BB Soluble Receptor Recombinant Human also called Tumor necrosis factor receptor superfamily member 9 produced in E Coli is a single, non-glycosylated polypeptide chain containing 167 amino acids, having a molecular mass of 17718 Dalton and containing the cysteine rich TNFR-like extracellular domain of 4-1BB Receptor. The 4-1BB Receptor is purified by proprietary chromatographic techniques. Introduction: 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 Categories/Family for 4 1BBR active protein	Cytokines and Growth Factors; Cytokines

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730095
NCBI GeneID	3604

NCBI Accession #	NP_001552.2
NCBI GenBank Nucleotide #	NM_001561.5
UniProt Accession #	Q07011; AAB34924
Molecular Weight	27,899 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 9
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 9
NCBI Official Symbol	TNFRSF9
NCBI Official Synonym Symbols	ILA; 4-1BB; CD137; CDw137
NCBI Protein Information	tumor necrosis factor receptor superfamily member 9; 4-1BB ligand receptor; CD137 antigen; T cell antigen ILA; T-cell antigen 4-1BB homolog; T-cell antigen ILA; homolog of mouse 4-1BB; induced by lymphocyte activation (ILA); interleukin-activated receptor, homolog of mouse Ly63; receptor protein 4-1BB
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 9
UniProt Gene Name	TNFRSF9
UniProt Synonym Gene Names	CD137; ILA
UniProt Entry Name	TNR9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-4-1bbr-active-protein/4-1bb-receptor/38219>