

## 4-1BBR, human recombinant protein

TNFRSF9, CD137 antigen, T-cell antigen ILA  
Catalog # PBV10255r

### Specification

#### 4-1BBR, human recombinant protein - Product info

Primary Accession [Q07011](#)  
Calculated MW **17.8 kDa** KDa

#### 4-1BBR, human recombinant protein - Additional Info

Gene ID **3604**  
Gene Symbol **TNR9**  
**Other Names**  
TNFRSF9, CD137 antigen, T-cell antigen ILA

Gene Source **Human**  
Source **E. coli**  
Assay&Purity **SDS-PAGE; ≥98%**  
Assay2&Purity2 **HPLC; ≥98%**  
Recombinant **Yes**  
Results **1 µg**

#### Target/Specificity

4-1BB Receptor

#### Application Notes

Reconstitute in H<sub>2</sub>O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

#### Format

Lyophilized protein

#### Storage

-20°C; Lyophilized with no additives

#### 4-1BBR, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### 4-1BBR, human recombinant protein - Background

Human 4-1BB Receptor (4-1BBR) is an inhibitor of 4-1BBL and can block 4-1BBL bioactivity. Recombinant human 4-1BBR is a 17.8 kDa protein containing 167 amino acid residues of extraCellular domain of 4-1BBR without signal peptide (Gene accession # NP\_001552).