

4-1BBL, human recombinant protein
TNFSF9, CD137L
Catalog # PBV10254r**Specification**

4-1BBL, human recombinant protein - Product info

Primary Accession	P41273
Calculated MW	19.5 kDa KDa

4-1BBL, human recombinant protein - Additional Info

Gene ID	8744
Gene Symbol	TNFL9
Other Names	
TNFSF9, CD137L	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC;
Recombinant	Yes
Results	10 ng/ml
Target/Specificity	
4-1BBL	

Application Notes

We recommend a quick spin followed by reconstitution in H₂O 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 from 5 mM Tris, pH 8.0 + 75 mM NaCl.

4-1BBL, 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](#)

4-1BBL, human recombinant protein - Images**4-1BBL, human recombinant protein - Background**

Human 4-1BB Ligand (4-1BBL) is a member of the emerging family of Ligands with structural homology to tumor necrosis factor. Recombinant human 4-1BBL is a 19.5 kDa protein containing 185 amino acid residues, comprising the TNF-like extra-Cellular domain of 4-1BBL.