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## Recombinant Mouse 4-1BB Fc-Fusion Protein

Cat No: Pr00233-1.9

### Product Summary

**Description:** Recombinant mouse 4-1BB Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

**Protein:** Mouse 4-1BB

**Fc domain:** Mouse IgG1

**Structure / Form:** Disulfide-linked homodimer

**Species:** Mouse

**Construct Design Note(s):** The extracellular domain of 4-1BB has been fused to the Fc domain of mouse IgG1.

**Host:** HEK293

**UniProt Accession Number:** P20334

**Alternative Description:** Tumor necrosis factor receptor superfamily member 9; 4-1BB ligand receptor; T-cell antigen 4-1BB; CD137; 4-1BB-Ig; 4-1BB-Fc chimera; 4-1BB (Fc tag)

**Published Application(s):**

**Tested Applications(s):**

**Activity:** Receptor for TNFSF9/4-1BBL. Possibly active during T cell activation [Uniprot].

### Product Form

**Purification:** IMAC purified

**Supplied in:** 0.1 mg size: PBS with preservative (0.02% Proclin 300), 1 mg size: PBS only.

**Endotoxin:** <1.0 EU/mg

**Shipping:** The product is shipped on blue ice. Upon receipt, store it immediately at the temperature recommended.

**Storage Recommendation:** Store at 4°C for up to 1 month. For longer term storage aliquot in small volumes and store at -20°C. Avoid repeated freeze-thaw cycles.

**SDS PAGE Purity:** >95%, as determined by SDS-PAGE and visualized by Coomassie Brilliant Blue.

**Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals**

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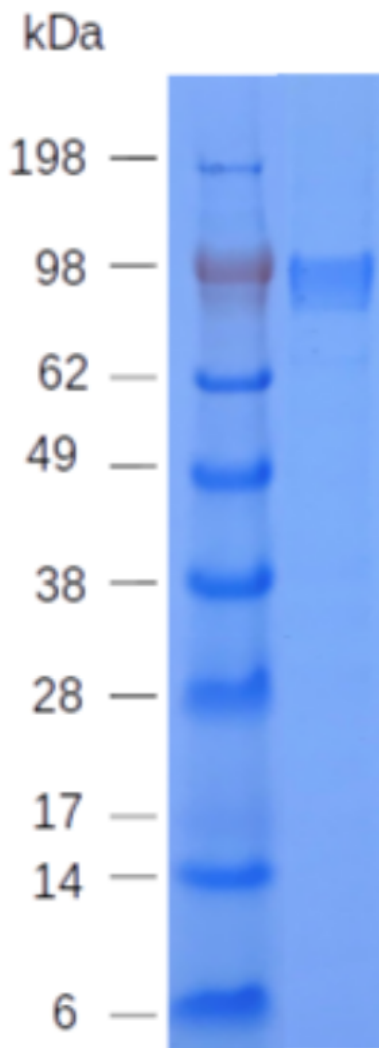
**Fc-Fusion Sequence (monomer)**

QNSCDNCQPGTFCRKYNPVCKSCPPSTFSSIGGQPNCNICRV CAGYFRFKKFCSTHNAECECIEGFHCLGPQCTRC  
EKDCRPGQELTKQGCKTCSLGT FNDQNGTGVC RPWTNCSLDGRSVLKTGTTEKDVVCGPPVVSFSPSTTISVTPEGGP  
GGHSLQVLTGGGSVPRDQGCKPCICTVPEVSSVFIFPPKPKDVL TITLTPKVTCVWVDISKDDPEVQFSWFVDDVEVH  
TAQTKPREEQINSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFPAPIEKTISKTKGRPKAPQVYTIPPPKEQMAKDKVSL  
TCMITNFFPEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYSKLVQKSNWEAGNTFTCSVLHEGLHNNHTEKSLS  
HSPGKHHHHHH

Underlined amino acids sequence include a G4S linker and 6xHis epitope tag, respectively.

**Calculated Molecular weight (dimer):** 88531 Da

**Extinction coefficient:** 88080 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



**4-1BB (Pr00233-1.9) SDS-PAGE.** Pr00233-1.9 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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