

# Recombinant Human 4-1BB Ligand/TNFSF9

Catalog No: #AP60041

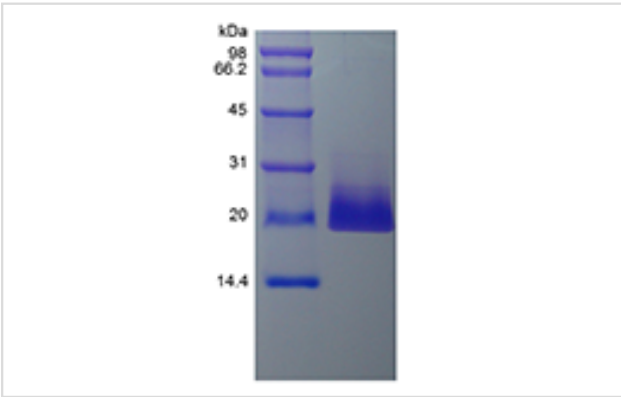
Package Size: #AP60041-1 5ug #AP60041-2 100ug #AP60041-3 500ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human 4-1BB Ligand/TNFSF9
Host Species	E.coli
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Other Names	TNFSF9, CD137L
Calculated MW	Approximately 19.4 kDa, a single non-glycosylated polypeptide chain containing 184 amino acids.
Target Sequence	REGPELSPDD PAGLLDLRQG MFAQLVAQNV LLIDGPLSWY SDPGLAGVSL TGGLSYKEDT KELVVAKAGV YYVFFQLELR RVVAGEGSGS VSLALHLQPL RSAAGAAALA LTVDLPPASS EARNSAFGFQ GRLLHLSAGQ RLGVHLHTEA RARHAWQLTQ GATVLGLFRV TPEIPAGLPS PRSE
Formulation	LyophilizedB fromB aB 0.2B umB filteredB concentratedB solutionB inB PBS.B
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

## Images



## Background

4-1BBL is a member of the tumor necrosis factor (TNF) receptor family. This receptor contributes to the clonal expansion, survival, and development of T cells. In addition, 4-1BBL expression is found on dendritic cells, follicular dendritic cells, natural killer cells, granulocytes and cells of blood vessel walls at sites of inflammation. CD137 has been shown to interact with TRAF2. The human 4-1BBL gene codes for a 254 amino acid type II transmembrane containing a 28 amino acid cytoplasmic domain, a 21 amino acid transmembrane domain, and a 205 amino acid extracellular domain (ECD). The human 4-1BBL ECD shares 32 % and 35 % a.a. identity with murine and rat ECD.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.