

Product datasheet for **TP723934**

CD137 (TNFRSF9) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human 4-1BB Protein, mFc-His Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	41BB[Leu24-Gln186]+mFc[Pro99-Lys330]+6×His
Tag:	C-Mouse Fc and 6×His
Predicted MW:	54-60 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Applications:	Flow Cyt
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	3604
UniProt ID:	Q07011
Summary:	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.



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Product images:

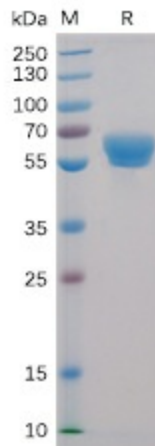


Figure 1. Human 4-1BB Protein, mFc-His Tag on SDS-PAGE under reducing condition.

A

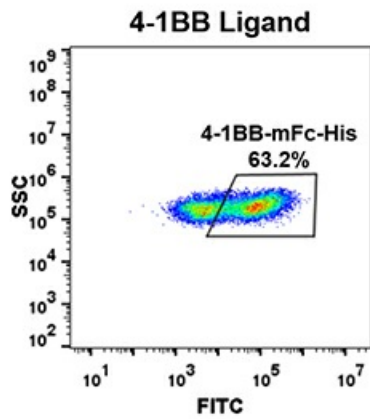


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human 4-1BB Ligand (A) were surface stained with Human 4-1BB, mFc-His tagged protein (TP723934) 1µg/ml followed by Alexa 488-conjugated anti-mouse IgG secondary antibody.