

Active Recombinant Mouse 4-1BB Protein, His-Tagged

Cat. No. 4-1BB-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse 4-1BB Protein, His-tagged was expressed in E. coli cell
Species	Mouse
Source	E.coli
Description	4-1BB Ligand Human Recombinant protein. 4-1BBL is a transmembrane cytokine that is part of the tumor necrosis factor (TNF) ligand family. Recombinant human 4-1BB ligand is intended for use in cell culture applications. 4-1BBL and its interaction with 4-1BB is involved in the antigen presenting process, proliferation of CD4 and CD8 positive T-cells, as well as cytokine secretion from T-cells.
Form	Lyophilized powder
AA Sequence	MRTEPRPALTTTSPNLGTRENNADQVTPVSHIGCPNTTQQGSPVFAKLLAKNQASL CNTTLNWHSQDGAGSSYLSQGLRYEEDKKELVVD SPGLYYVFLELKLSPFTTNTGHKVQGWVSLVLQAKPQVDDFDNLALTVELFPCSME NKLVDRSWSQLLLLKAGHRLSVGLRAYLHGAQDAY RDWELSYPNNTTSFGLFLVKPDNPWE with polyhistidine tag at the C-terminus
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
Bio-activity	Measure by its ability to induce IL-2 secretion in mouse T cells in the presence of the anti-CD3 antibody. The ED50 for this effect is <0.05 µg/mL.

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Purity	>95% as determined by SDS-PAGE. Ni-NTA chromatography
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Notes	Please use within one month after protein reconstitution.
	