4-1BB/TNFRSF9 Protein, Mouse (isoform 2, HEK293, His)

Cat. No.:	HY-P77574
Synonyms:	CD137; TNFRSF9; 4-1BB ligand receptor; 41BB; 4-1BB; CDw137; FLJ43501; ILA; T cell antigen ILA
Species:	Mouse
Source:	HEK293
Accession:	NP_001070976 (V24-L211)
Gene ID:	21942
Molecular Weight:	40-50 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	4-1BB/TNFRSF9 Protein possesses crucial functions, including cytokine binding activity, identical protein binding activity, and signaling receptor activity. It acts upstream of or within various processes, such as negative regulation of interleukin-10 production, negative regulation of interleukin-12 production, and regulation of cell population proliferation. The protein is strategically located in the external side of the plasma membrane and extracellular space. It exhibits restricted expression, particularly prominent in the placenta adult (RPKM 139.4), emphasizing its significance in specific physiological contexts. 4-1BB/TNFRSF9 is the orthologous counterpart to human TNFRSF9 (TNF receptor superfamily member 9), suggesting evolutionary conservation of its functions across species.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA