

4-1BBL/TNFSF9, Human, Recombinant

Cat. No. : PCK282

General Information

Synonyms	CD137L;TNLG5A;TNFSF9
Species	Human
Expression host	E.coli
Sequence	MREGPELSPDDPAGLLDLRQGMFAQLVAQNVLLIDGPLSWYSDPGLAGVSLTGGLSYKEDTK ELVVAKAGVYYVFFQLELRRVAGEGSGSVSLALHLQPLRSAAGAAALALTVDLPASSEARN AFGFQGRLLHLSAGQRLGVHLHTEARARHAWQLTQGATVLGLFRVTPEIPAGLPSPRSE with polyhistidine tag at the C-terminus.
Accession	P41273.1
Tag	His-tag at the C-terminus
Mol mass	20.38 kDa
Expiration date	12 months
Bio activity	Measure by its ability to induce IL-8 secretion in human PBMCs. The ED50 for this effect is < 0.7 ng/mL.

Product feature

Purity	> 95% as determined by SDS-PAGE. Ni-NTA chromatography.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
Shipping	Ice bag
Formulation	The protein was lyophilized from a 0.2 μm filtered solution containing 1 × PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Background

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.

SDS-PAGE

