

FasL/TNFSF6/CD95L/CD178, Human, Recombinant

货号 : PCK291

产品信息

别名	soluble Fas Ligand (sFasL), TNFSF6, CD95L, Apo I Ligand, APTL, APT1LG1, CD178
物种	Human
表达宿主	E.coli
序列信息	QIGHPSPPPEKKELRKVAHLTGKSNSRSMPLWEDTYGIVLLSGVKYKKGG LVINETGLYFVYSKVYFRGQSCNNLPLSHKVYMRNSKYPQDLVMMEGKM MSYCTTGQMWARSSYLGAVFNLTADHLYVNVSELSLVNFEESQTFFGLY KL with polyhistidine tag and sumo tag at the N- terminus
检索号	P48023.1
分子量	17.31 kDa
标签	His-SUMO tag at the N-terminus
生物活性	Measure by its ability to induce apoptosis in Jurkat cells.The ED50 for this effect is <1 ng/mL. The specific activity of recombinant human FasL is > 1 x 10 ⁶ IU/mg.

产品特性

纯度	>98% as determined by SDS-PAGE. Ni-NTA chromatography
内毒素	<0.1 EU per 1 µg of the protein by the LAL method.
保存	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.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0.



复融

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.

背景介绍

FasL is a member of the TNF superfamily, and is mainly expressed on the cell surface of activated T cells. FasL induces apoptosis in Fas-bearing cells by binding to Fas Receptor. FasL has the ability to leads to down-regulation of the immune response through killing T cells and activated B cells. The mechanism of Fas-induced apoptosis involves recruitment of pro-caspase 8 through an adaptor molecule called FADD, followed by processing of the pro-enzyme into active forms. These active caspases then cleave various cellular substrates, leading to the eventual cell death.

SDS-PAGE

