

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, Pricella

CD178

物种 Human

表达宿主 E.coli

序列信息 OIGHPSPPPEKKELRKVAHLTGKSNSRSMPLEWEDTYGIVLLSGVKYKKGG

> LVINETGLYFVYSKVYFRGQSCNNLPLSHKVYMRNSKYPQDLVMMEGKM MSYCTTGQMWARSSYLGAVFNLTSADHLYVNVSELSLVNFEESQTFFGLY

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 $> 1 \times 10^6$ IU/mg. proce

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.

网站: www.procell.com.cn 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋







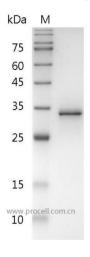
复融

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



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邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋



