Datasheet for ABIN925124

FASL Protein (AA 103-281) (DYKDDDDK Tag)

1 Image

Go to Product page

Overview

Quantity:	10 µg
Target:	FASL
Protein Characteristics:	AA 103-281
Origin:	Human, Mouse, Rat
Source:	HEK-293T Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FASL protein is labelled with DYKDDDDK Tag.
Application:	Apoptosis Induction (AI)

Product Details

Specificity:	RhsFasL binds to human, mouse and rat Fas (CD95, APO-1).
Characteristics:	Results using sFasL may differ from those obtained with agonistic antibodies. Host: The extracellular domain of human FasL (sFasL, aa. 103-281) is fused at the N-terminus to a linker peptide (26 AA) and a DYKDDDDK Tag. Glycosylation of rhsFasL is similar to natural human FasL.
Purity:	95 % purity as determined by SDS-PAGE
Endotoxin Level:	<0.1 EU/µg purified protein as determined by LAL test.

Target Details

Target:	FASL
Alternative Name:	Fas Ligand Protein (FASL Products)

Target Details

Background:	Synonyms: APO-1L, soluble, CD95L, soluble, CD178, soluble, TNFSF 6, soluble Protein: Recombinant, human sFasL (rhsFasL)
Molecular Weight:	~32 kDa (non-glycosylated), ~35 kDa (glyco- sylated) (SDS-PAGE)
Pathways:	Apoptosis, EGFR Signaling Pathway, Production of Molecular Mediator of Immune Response, Positive Regulation of Endopeptidase Activity

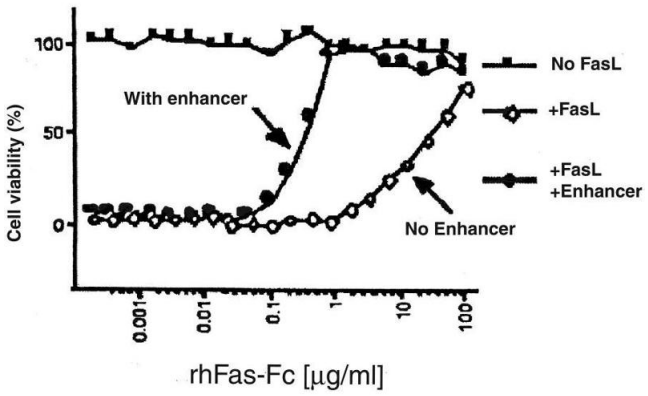
Application Details

Application Notes:	Induction of Apoptosis: Recombinant FasL protein induces apoptosis in Fas-sensitive cells (ED50: 50 ng/mL in A20 cells). Optimal concentration varies with cell type and should be determined by testing serial dilutions on cells. Alone, rhsFasL kills Fas-sensitive cells at a concentration of >10 ng/mL. Use of a secondary enhancing cross-linking antibody reacting with rhsFasL (Cat. No. FL-104) increases the activity of rhsFasL approximately 50-fold.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Soluble. Prepare sterile stock solution by dissolving rhsFasL in 100 µL sterile water (0.1 mg/mL in PBS). Further dilutions should be made with medium containing 5% fetal calf serum.
Buffer:	PBS
Storage:	-20 °C

Images



ELISA

Image 1. Inhibition of rhsFasL -mediated lysis. rhsFas:Fc (Fas Ligand Inhibitor, exerts its inhibitory activity in a concentration range of 0.5-5 µg/mL in the presence of the enhancer (1 µg/mL).

Method: Mouse A20 B lymphoma cells (50,000 cells in 100 µL DMEM medium containing 5% fetal calf serum) were incubated with 0.2 µg/mL rhsFasL and increasing

concentrations of rhFas:Fc fusion protein in the presence and the absence of 1 µg/mL enhancer in a 96 well plate for 16 hours at 37°C. Concentration of rhFas:Fc required to inhibit may vary depending on the cell type studied and on the concentration of rhsFasL used to kill cells. Cell viability was determined using a MTT-based cell proliferation assay kit. The optimal dilution and incubation times for a specific application should be determined by the researcher. rhsFas-Fc [µg/mL]