Recombinant Human Fas Ligand / TNFSF6 (N-6His)

Catalog No. PKSH033886

Note: Centrifuge before opening to ensure complete recovery of vial contents.

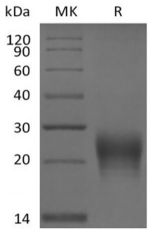
Description

Synonyms	apoptosis (APO-1) antigen ligand 1;Apoptosis antigen ligand;APT1LG1CD95L;APTL;CD178 antigen;CD178;CD95L;CD95-L;Fas antigen ligand;Fas ligand (TNF superfamily;member 6);Fas Ligand;FASLCD95 ligand;FASLG;TNFSF6
Species	Human
Expression Host	HEK293 Cells
Sequence	Pro134-Leu281
Accession	P48023
Calculated Molecular Weight	17.7 kDa
Observed molecular weight	20-30 kDa
Tag	N-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Fas ligand is also known as FasL, CD178, CD95L, or TNFSF6, is a homotrimeric type-II transmembrane protein that belongs to the tumor necrosis factor (TNF) family. Its ability to induce apoptosis in target cells plays an important role in the development, homeostasis, and function of the immune system. Interaction of FAS with fas Ligand is critical in

triggering apoptosis of some types of cells such as lymphocytes. Fas Ligand may be involved in cytotoxic T-cell mediated apoptosis and in T-cell development. TNFRSF6/FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both.

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