Human Fas Ligand/TNFSF6, Tag Free Protein

HA211422

Product name:	Human Fas Ligand/TNFSF6, Tag Free
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the human Fas Ligand/TNFSF6 protein (P48023-1) (Gln 130-Leu 281) was expressed with tag Free.

Background: Fas ligand (FasL, also known as CD95L or Apo-1L) is a type-II transmembrane protein in the tumor necrosis factor (TNF) superfamily. It binds to the Fas receptor (CD95) to induce apoptosis, and also activates non-apoptotic pathways such as NF-κB and MAPK. FasL exists in membrane-bound and soluble forms, and is primarily expressed by cytotoxic T lymphocytes and natural killer cells. It plays a critical role in immune regulation, immune privilege, cancer, autoimmunity, and transplantation. The expression and function of FasL are tightly regulated to maintain immune homeostasis.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per μg by the LAL method.

Fragment region: Fas Ligand/TNFSF6 (130-281)

Source: HEK293

Accession: P48023-1

Predicted molecular mass: 17.68 kD

Formulation: Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 μg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20℃ to -80℃ It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Images

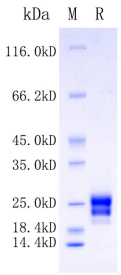

Fig1: Protein on SDS-PAGE under reducing (R) condition.