

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

**Catalog Number:** PKSH033886

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

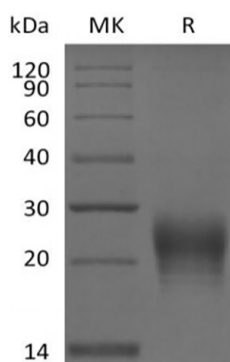
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human Fas Ligand;TNFSF6 protein Pro134-Leu281, with an N-terminal His
<b>Calculated MW</b>	17.7 kDa
<b>Observed MW</b>	20-30 kDa
<b>Accession</b>	P48023
<b>Bio-activity</b>	Loaded Human FAS-Fc(PKSH032413) on Protein A Biosensor, can bind Human Fas Ligand-His(PKSH033886) with an affinity constant of 0.34 nM as determined in BLI assay.

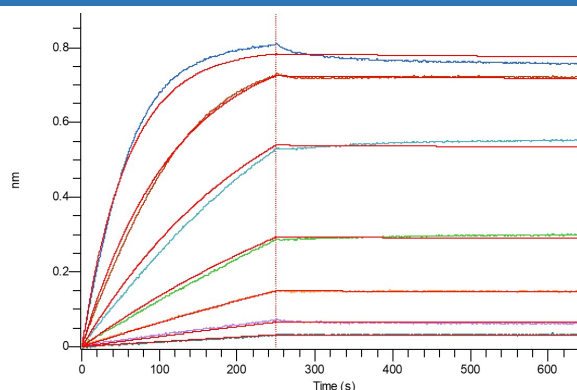
### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	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.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBS, pH7.4.

### Data



> 95 % as determined by reducing SDS-PAGE.



Loaded Human FAS-Fc(PKSH032413) on Protein A Biosensor, can bind Human Fas Ligand-His(PKSH033886) with an affinity constant of 0.34 nM as determined in BLI assay.

### 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.

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017