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

Catalog Number: PKSH033886

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

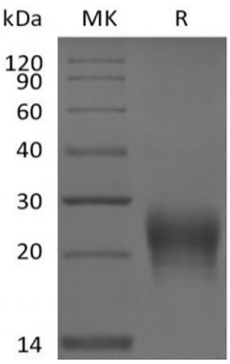
Description

Species	Human
Source	HEK293 Cells-derived Human Fas Ligand;TNFSF6 protein Pro134-Leu281, with an N-terminal His
Calculated MW	17.7 kDa
Observed MW	20-30 kDa
Accession	P48023
Bio-activity	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.

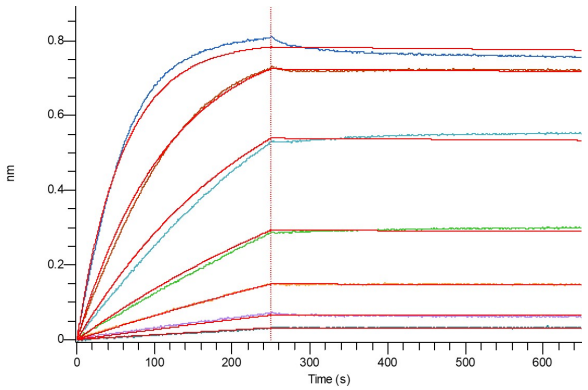
Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
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.

Data



> 95 % as determined by reducing SDS-PAGE.



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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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