

Animal-Free Fas Ligand Protein, Mouse (His)

Cat. No.:	HY-P700176AF
Synonyms:	soluble Fas Ligand (sFasL); TNFSF6; CD95L; Apo I Ligand; APTL; APT1LG1; CD178; Fas-Lg; Tnfs; Tnlg1a; gld
Species:	Mouse
Source:	E. coli
Accession:	Q544E9 (Q128-L279)
Gene ID:	14103
Molecular Weight:	Approximately 18.14 kDa

PROPERTIES

AA Sequence	<p>Q I A N P S T P S E K K E P R S V A H L T G N P H S R S I P L E W E D T Y G T A</p> <p>L I S G V K Y K K G G L V I N E T G L Y F V Y S K V Y F R G Q S C N N Q P L N H</p> <p>K V Y M R N S K Y P E D L V L M E E K R L N Y C T T G Q I W A H S S Y L G A V F</p> <p>N L T S A D H L Y V N I S Q L S L I N F E E S K T F F G L Y K L</p>
Biological Activity	Measure by its ability to induce apoptosis in Jurkat cells. The ED ₅₀ for this effect is <1 µg /mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 8.0.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>Fas Ligand Protein, in its cytoplasmic form, exerts a powerful impact by inhibiting gene transcription. This protein plays a crucial role in regulating cellular processes by suppressing the expression of specific genes. By preventing gene transcription, Fas Ligand Protein can modulate various biological pathways and influence cellular behavior. Understanding the mechanisms by which this protein functions can provide insights into gene regulation and potentially lead to the development of innovative approaches for controlling gene expression in various biological systems.</p>
-------------------	--

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA