

Datasheet for ABIN7274690

**FSTL1 Protein (AA 19-306) (His tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	FSTL1
Protein Characteristics:	AA 19-306
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FSTL1 protein is labelled with His tag.

## Product Details

Purpose:	Mouse FSTL1 Protein
Sequence:	Glu19-Ile306
Characteristics:	Recombinant Mouse FSTL1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu19-Ile306.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	FSTL1
Alternative Name:	FSTL1 ( <a href="#">FSTL1 Products</a> )

## Target Details

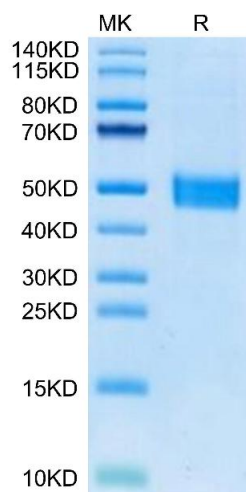
Background:	Follistatin-like 1 (FSTL1), a secreted glycoprotein, has been shown to participate in regulating developmental processes and to be involved in states of disease and injury. Recent findings on FSTL1 in both acute coronary syndrome and heart failure emphasize its potential as a target for cardiac regenerative therapy.
Molecular Weight:	33.57 kDa. Due to glycosylation, the protein migrates to 45-55 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q62356</a>

## Application Details

Restrictions:	For Research Use only
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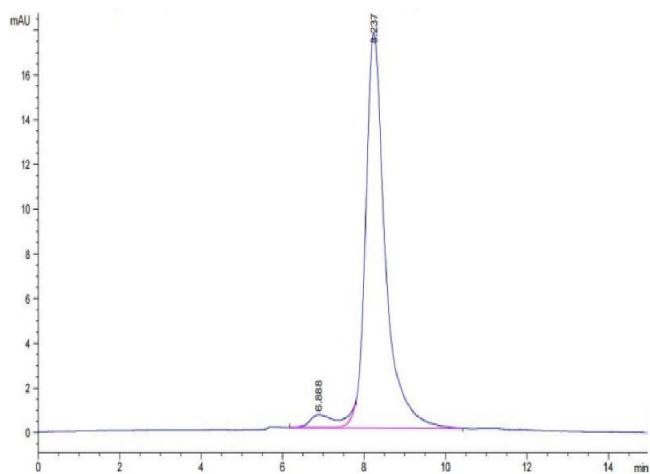
## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Mouse FSTL1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse FSTL1 is greater than 95 % as determined by SEC-HPLC.